

Medication/Policy	Requirements	Duration of Approval if Requirements Are Met
Brand Name Medication Requests	Aetna Medicaid requires use of generic agents that are considered therapeutically equivalent by the Food and Drug Administration (FDA)	Approval Duration: One year
	<ul> <li>For authorization of the Brand Name Medication, submit the following:         <ul> <li>A hard copy or confirmation of electronic submittal of the Food and Drug Administration (FDA) MedWatch form detailing trial and failure, or intolerance/adverse effect to the generic formulation that is made by two different manufacturers</li> </ul> </li> <li>The completed hard copy form requires to be submitted to the Food and Drug Administration (FDA) and is available at: FDA MedWatch Form</li> <li>Online reporting of the Food and Drug Administration (FDA) MedWatch form can be accessed at: <a href="https://www.accessdata.fda.gov/scripts/medwatch/index.cfm?action=professional.reporting1">https://www.accessdata.fda.gov/scripts/medwatch/index.cfm?action=professional.reporting1</a></li> </ul>	
Compoundsi	<ul> <li>Compounds are not a covered benefit with the following exceptions:</li> <li>If each active ingredient is Food and Drug Administration (FDA)-approved (bulk chemicals also known as Active Pharmaceutical Ingredient (API))</li> <li>If each active ingredient is used for an indication that is Food and Drug Administration (FDA)-approved or compendia supported</li> <li>The final route of administration of the compound is the same as the Food and Drug Administration (FDA)-approved or compendia supported route of administration of each active ingredient. (for</li> </ul>	Initial Approval: For market shortages: 3 months  All others: 6 months  Renewal Approval: For market shortages: 3 months  All others: 1 year

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example, oral baclofen tablets should not be covered for topical use)

- Member meets one of the following:
  - Has an allergy and requires a medication to be compounded without a certain active ingredient (for example dyes, preservatives, fragrances)
    - This situation requires submission of a Food and Drug Administration (FDA) MedWatch form consistent with Dispense as Written (DAW) 1 guidelines
  - Cannot consume the medication in any of the available formulations and the medication is medically necessary
  - Commercial prescription product is unavailable due to a market shortage (or discontinued) and is medically necessary
  - Request is for 17-alpha hydroxyprogesterone caproate (even if bulk ingredients are used) for the prevention of preterm birth, in women who are pregnant with a singleton pregnancy, and have history of prior spontaneous preterm birth
  - Request is for formulary antibiotic or anti-infective for injectable use (For example, formulary injection needing to be mixed with sodium chloride to create an IV compound)

**NOTE:** All compounds will require authorization and clinical review if total submitted cost exceeds \$200.

 The following compounds are examples of preparations that Aetna considers to be experimental and investigational, because there is



	inadequate evidence in the peer-reviewed published medical	
	literature of their effectiveness:	
	Bioidentical hormones and implantable estradiol pellets	
	of sinusitis	
	<ul> <li>Topical Ketamine, Muscle Relaxants, Antidepressants, Non-</li> </ul>	
	Steroidal Anti-Inflammatory Drugs (NSAIDS)	
	<ul> <li>Anticonvulsants products typically used for pain</li> </ul>	
	<ul> <li>Proprietary bases: PCCA Lipoderm Base, PCCA Custom Lipo- Max Cream, Versabase Cream, Versapro Cream, PCCA Pracasil</li> </ul>	
	Plus Base, Spirawash Gel Base, Versabase Gel, Lipopen Ultra	
	Cream, Lipo Cream Base, Pentravan Cream/Cream Plus,	
	VersaPro Gel, Versatile Cream Base, PLO Transdermal Cream,	
	Transdermal Pain Base Cream, PCCA Emollient Cream Base,	
	Penderm, Salt Stable LS Advanced Cream, Ultraderm Cream,	
	Base Cream Liposome, Mediderm Cream Base, Salt Stable	
	Cream	
Non-Formulary	Requests for Non-Formulary Medications that do not have specific	Initial Approval:
Medication	Prior Authorization Guidelines will be reviewed based on the	Six months or lesser of
Guideline	following:	requested duration based
	Appropriate diagnosis/indication for requested medication	on course of therapy
	Appropriate dose of medication based on age and indication	
	Member meets one of the following:	Renewal Approval:
	o Documented trial of at least 2 formulary agents for adequate	One year or lesser of
	duration has not been effective or tolerated	requested duration based
	All other formulary medications are contraindicated based on	on course of therapy
	member diagnosis, other medical conditions or other medication therapy	Requires:

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- There are no other medications available on the formulary to treat member condition
- For combination drug product requests:
  - Documented reasoning that combination product is clinically necessary and not just for convenience

Note: Members' medication trials and adherence are determined by review of pharmacy claims data over preceding twelve months. Additional information may be requested on a case-by-case basis to allow for proper review.

### Off-Label and Orphan Drugs can be approved when the following criteria is met:

- Prescribed by physician treating a chronic, disabling, or lifethreatening disease
- The drug has been approved by the Food and Drug Administration (FDA)
- Documentation of trial and failure, intolerance or contraindication to Food and Drug Administration (FDA) approved medications (formulary and non-formulary) for same indication, if available
- The drug is listed in any of the following standard drug reference compendium as accepted for off-label use
  - o The United States Pharmacopoeia Drug Information
  - o National Comprehensive Cancer Network
  - o American Hospital Formulary Service Drug Information
  - Thomson Micromedex DrugDex
  - Clinical Pharmacology

 Documentation of positive response to therapy

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Quantity Level Limits	Requests that exceed established Quantity Level Limits will require prior authorization	Initial Approval: One year
	Drugs subject to additional utilization management requirements (for example, non-formulary, clinical prior authorization, and step therapy) must meet clinical criteria and medical necessity for approval, in addition to any established Quantity Level Limit	Renewal Approval: One year
	Approval of Quantity Level Limit exceptions are considered after medication specific prior authorization guideline and medical necessity review	
	Authorization Criteria for Quantity Limit Exceptions:  • Quantities that Exceed Food and Drug Administration (FDA)  Maximum Dose:  • Member is tolerating medication with no side effect, but had inadequate response at lower dose, and the inadequate	

response is not due to medication non-adherence



	<ul> <li>Request meets one of the following:         <ul> <li>Dose is included in drug compendia or evidence-based clinical practice guidelines for same indication</li> <li>Published randomized, double blind, controlled trial, demonstrating safety and efficacy of requested dose is submitted with request</li> </ul> </li> <li>Quantities that do not Exceed Food and Drug Administration (FDA) Maximum Dose (Dose Optimization):         <ul> <li>Request meets one of the following:</li> <li>There was inadequate response or intolerable side effect to optimized dose</li> </ul> </li> </ul>	
	<ul> <li>There is a manufacturer shortage of higher strengths</li> <li>Member is unable to swallow tablet/capsule due to size, and dosage form cannot be crushed</li> <li>Effect of medication is wearing off between doses</li> <li>Member cannot tolerate entire dose in one administration</li> <li>Quantities for Medications that do not have Established Food and Drug Administration (FDA) Maximum Dose:</li> <li>Member is tolerating medication with no side effects, but had</li> </ul>	
	inadequate response at lower dose, and the inadequate response is not due to medication non-adherence  Requested dose is considered medically necessary	
everolimus	General Criteria:  • Prescribed by, or in consultation with oncologist	Initial Approval: 6 months
(Afinitor / Afinitor	Member is 18 years of age or older	
disperz) <sup>  </sup>	<ul> <li>Age exception: Afinitor disperz for the following diagnosis:</li> <li>Subependymal Giant Cell Astrocytoma (SEGA)</li> <li>Tuberous Sclerosis Complex Associated Partial-Onset Seizures</li> </ul>	Renewal Approval: 1 year Requires:
	In addition, may be authorized when one of the following criteria are met:	Clinically significant improvement or

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#### **Breast Cancer**

- Human epidermal growth factor receptor 2 (HER2)-Negative breast cancer and Hormone receptor positive
  - o For example, estrogen-receptor positive, or progesterone-receptor positive
- Member status meets one of the following:
  - o Postmenopausal
  - Premenopausal woman being treated with ovarian ablation/suppression
  - o Male
- Failure of treatment with letrozole, anastrozole, or tamoxifen
- Used in combination with exemestane

#### **Advanced Neuroendocrine Tumors**

- Member meets one of the following criteria:
  - o Progressive neuroendocrine tumor of pancreatic origin
  - Progressive, well-differentiated, non-functional neuroendocrine tumors of gastrointestinal tract or lung
- Note: Afinitor tablets is not indicated for treatment of members with functional carcinoid tumors

#### **Tuberous Sclerosis Complex**

• Renal angiomyolipoma, not requiring immediate surgery

#### Subependymal giant cell tumor (SEGA)

• Member is not a candidate for surgical resection

#### **Advanced Renal Cell Carcinoma**

- Member meets one of the following criteria:
  - Non-clear cell histology
  - Clear cell histology
  - o Trial and failure with Sutent) or sorafenib (Nexavar)

#### Waldenstrom Macroglobulinemia - Lymphoplasmacytic Lymphoma

- Trial and failure with a first line chemotherapy regimen
  - For example, bendamustine-rituximab, bortezomibdexamethasone-rituximab, rituximab-cyclophosphamidedexamethasone, or others

stabilization of disease state

**Quantity Level Limit:** 30 tablets per 30 days

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#### Soft Tissue Sarcoma

- o Member has one of the following diagnosis:
  - Perivacular epithelioid cell
  - Recurrent Angiomyolipoma
  - Lymphangioleiomyomatosis

#### Soft Tissue Sarcoma - Gastrointestinal Stromal Tumors (GIST)

- Member had trial and failure with imatinib, Sutent and Stivarga
- Will be used in combination with imatinib, Sutent, or Stivarga

#### **Classical Hodgkin Lymphoma**

- Relapse or refractory disease
  - o Failure to first line chemotherapy regimen
    - ABVD (doxorubicin, bleomycin, vinblastine, dacarbazine), or BEACOPP (bleomycin, etoposide, doxorubicin, cyclophosphamide, vincristine, procarbazine, prednisone), or others

#### **Thyroid Carcinoma**

- Member has locally advanced or metastatic disease
- Diagnosis is of follicular, Hürthle cell, or Papillary carcinoma

#### Thymomas and Thymic Carcinomas

- Trial and failure with at least one first line chemotherapy regimen
  - For example, cisplatin, doxorubicin, cyclophosphamide preferred for thymoma, or carboplatin-paclitaxel preferred for thymic carcinoma, or others

#### **Endometrial Carcinoma**

• Used in combination with letrozole

#### Meningioma

• Disease is recurrent or progressive and surgery or radiation is not possible

#### **Bone cancer**

- Member has relapsed, refractory or metastatic Osteosarcoma
- Member had failure with at least one first line chemotherapy regimen
- Used in combination with Nexavar

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	Afinitor Disperz tablets for oral suspension Subependymal Giant Cell Astrocytoma (SEGA) associated with Tuberous Sclerosis Complex (TSC)  • Age is 1 year or older  • Member is not a candidate for surgical resection Tuberous Sclerosis Complex (TSC) Associated Partial-Onset Seizures  • Age is 2 years or older  • Treatment is adjunctive with antiepileptic medication	
Anthelmintic <sup>iii</sup> Albendazole (Albenza)	Albendazole pays at Point of Sale when one of the following infections is present:  Tapeworm Taeniasis Cystericerosis/Neurocystercosis Hydatid disease/Echinococcosis Roundworm Capillariasis Trichinellosis/Trichinosis Ascariasis Toxocariasis Baylisascariasis Toxocariasis Clonorchiasias Clonorchiasias Copisthorchis  Prescriptions for albendazole that do not pay at Point of Sale may be approved for members who meet one of the following: Trial and failure with praziquantel Infection is with one of the following: Tapeworm Taeniasis	Initial Approval: Roundworm: 21 days All others: 3 days  Exceptions to Initial Approval:  Cysticercosis/Neurocys ticercosis: 120 tablets per month  Clonorchiasis and Opisthorchiasis: Up to 7 days  Hydatid Disease: Up to 112 tablets every 42 days for 4 months (112 tablets every 28 days with a 14-day drug-free period. Repeat up to 2 more cycles)

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	<ul> <li>Cystericerosis/Neurocystercosis</li> <li>Hydatid disease/Echinococcosis</li> <li>Roundworm</li> <li>Capillariasis</li> <li>Trichinellosis/Trichinosis</li> <li>Ascariasis</li> <li>Toxocariasis</li> <li>Baylisascariasis</li> <li>Flukes</li> <li>Clonorchiasias</li> <li>Opisthorchis</li> </ul>	Toxocariasis: 400 mg     by mouth twice a day     for five days
Antidepressants	Members who are stable (new to plan and/or using samples) that	Initial Approval:
Non-Preferrediv	are on non-preferred antidepressant will receive 3-month approval as continuity of care, in order to transition to preferred	1 year
Selective Serotonin	antidepressant	Renewal Approval:
Reuptake Inhibitors	Members who have started non-preferred antidepressant during	1 year
(SSRI):	recent hospitalization will receive 1-year initial approval	Requires:
Trintellix	General Criteria for All New Starts	Response to therapy
Viibryd	Member is 18 years of age or older (except for fluvoxamine and	Response to therapy
Pexeva	fluoxetine)	Quantity Level Limits:
Fluoxetine weekly	Requested agent is Food and Drug Administration (FDA) approved	
Fluoxetine	for the indication being treated	Pristiq, desvenlafaxine, Trintellix, Viibryd, Fetzima,
tablets PMDD	If formulary preferred agent is available in different formulation	Aplenzin, Forfivo XL,
(Premenstrual	with same ingredient (for example, Pexeva, Aplenzin, Forfivo XL,	paroxetine ER:
syndrome) Fluvoxamine ER	fluvoxamine ER, paroxetine mesylate, fluoxetine weekly), member must have documented trial and failure of that formulary agent	1 tablet/capsule per day
Paroxetine ER		Pexeva:
Paroxetine mesylate	Additional Criteria Based on Indication	10mg and 20mg:
capsule	Major Depressive Disorder or Seasonal Affective Disorder (One of	1 tablet per day
	the Following)	30mg: 2 tablets per day

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#### Serotonin and Norepinephrine Reuptake Inhibitors (SNRI):

Fetzima
Venlafaxine SR tabs
Pristiq
Khedezla
desvenlafaxine

#### Other:

Aplenzin Forfivo XL Nefazodone

- Documented failure, or intolerance to 3 formulary agents from at least 2 different classes of antidepressants
  - Selective Serotonin Reuptake Inhibitor, Serotonin Norepinephrine Reuptake Inhibitor, bupropion, or mirtazapine at adequate dose and duration (at least 4 weeks)
    - One of these trials must be with preferred formulary agent from same class (Selective Serotonin Reuptake Inhibitor, or Serotonin Norepinephrine Reuptake Inhibitor)
- Documented failure, or intolerance to 2 formulary agents and acceptable antidepressant augmentation regimen
  - Selective Serotonin Reuptake Inhibitor, or Serotonin Norepinephrine Reuptake Inhibitor, plus bupropion, lithium, atypical antipsychotic, buspirone, or liothyronine, at adequate dose and duration (at least 4 weeks)
    - One of these trials must be with preferred formulary agent from same class (Selective Serotonin Reuptake Inhibitor, or Serotonin Norepinephrine Reuptake Inhibitor)

#### **Obsessive-Compulsive Disorder**

- Documented failure, or intolerance to 3 formulary agents
  - Selective Serotonin Reuptake Inhibitors, clomipramine, at adequate dose and duration (at least 4 weeks)

#### Panic Disorder or Generalized Anxiety Disorder

- Documented failure, or intolerance to 3 formulary agents from at least 2 different classes of antidepressants
  - Selective Serotonin Reuptake Inhibitors, or Serotonin Norepinephrine Reuptake Inhibitors, at adequate dose and duration (at least 4 weeks)

#### Hot Flashes Associated with Menopause

Documented failure, or intolerance to 3 formulary agents from at least 2 different classes of antidepressants

40mg: 1.5 tablets per day

Fluoxetine Tablets (Sarafem):

1 tablet per day

Fluvoxamine ER: 2 tablets per day

Fluoxetine weekly: 1 pack per 28 days

Paroxetine mesylate capsule:
1 tablet per day

Venlafaxine SR Tablets: 37.5mg, 75mg, and 225mg: 1 tablet per day

150mg: 2 tablets per day

Nefazodone: 2 tablets/day; up to 600mg

max daily dose

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	<ul> <li>Selective Serotonin Reuptake Inhibitors, or Serotonin         Norepinephrine Reuptake Inhibitors, at adequate dose and duration (at least 4 weeks)     </li> <li>Trial and failure, intolerance, or contraindication, or member preference to avoid hormonal therapy</li> <li>Premenstrual Dysphoric Disorder</li> <li>Documented failure, or intolerance to 3 formulary Selective Serotonin Reuptake Inhibitors, at adequate dose and duration (at least 4 weeks)</li> </ul>	
Anticoagulant - Injectable <sup>v</sup>	Enoxaparin is the preferred medication AND will require prior authorization after exceeding recommended limit of 21 days' supply	Initial Approval:  • Prophylaxis (post-ortho
Low Molecular Weight Heparins: Enoxaparin Fondaparinux Fragmin	<ul> <li>May be authorized for the following indications:</li> <li>Prophylaxis for Venous Thromboembolism (VTE), Deep Vein Thrombosis (DVT), or Pulmonary Embolism (PE):         <ul> <li>In members undergoing hip or knee replacement or hip fracture surgery</li> <li>In members with restricted mobility during acute illness</li> <li>Bridge therapy for perioperative warfarin discontinuation</li> <li>In high risk pregnancy</li> <li>For example, homozygous for factor V Leiden deficiency, prothrombin mutation 20210 or family history of venous thromboembolism (VTE)</li> <li>In cancer members with solid tumors who are at high risk of thrombosis</li> <li>For example, previous venous thromboembolism (VTE), immobilization, hormonal therapy, angiogenesis inhibitors, thalidomide, or lenalidomide)</li> <li>In members undergoing general and abdominal-pelvic surgery who are at moderate to high risk for venous thromboembolism (VTE)</li> </ul> </li> </ul>	<ul> <li>surgery) – Up to 35 days</li> <li>Prophylaxis (non-ortho surgery and major trauma) – Up to 14 days</li> <li>Prophylaxis (post-surgery with cancer) – 4 weeks</li> <li>Venous thromboembolism (VTE) treatment, bridge therapy with warfarin – 10 days or as requested</li> <li>Cardioversion with warfarin – up to 7 weeks</li> <li>High risk pregnancy – Until 6 weeks after delivery (estimated date of confinement required for authorization)</li> </ul>

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- o In members with major trauma
  - For example, traumatic brain injury (TBI) or Spinal Cord Injury
- In members with atrial fibrillation undergoing cardioversion (up to 3 weeks before and 4 weeks after)
- Treatment for Venous thromboembolism (VTE), deep vein thrombosis (DVT), or Pulmonary Embolism (PE):
  - After trial and failure of Eliquis or Xarelto and warfarin (in noncancer patients for long-term treatment)
  - o In members who are taking warfarin until international normalized ratio (INR) is in therapeutic range for 5 days
  - o In high-risk pregnancy
  - For recurrent venous thromboembolism (VTE) that occurred while taking oral anticoagulants
  - o For superficial vein thrombosis (SVT) of lower limb
  - For acute upper-extremity deep vein thrombosis (UEDVT) that involves axillary or more proximal veins

#### In addition, for all non-formulary agents:

 Documentation to support trial and failure, intolerance, or contraindication to enoxaparin

- Prophylaxis in cancer –
   6 months
- Lower-limb Superficial
   Vein Thrombosis (SVT)
   45 days
- Venous thromboembolism (VTE) and cancer Low to moderate bleeding risk – indefinite; High bleeding risk – 3 months
- Provoked venous thromboembolism (VTE) –3 months
- Unprovoked venous thromboembolism (VTE) Low to moderate bleeding risk – indefinite; High bleeding risk – 3 months

#### **Renewal Approval:**

 Length of renewal authorization based on anticipated length of therapy, indication and/or recent

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		international normalized ratio (INR) if on warfarin
Anticoagulants - Oral vi  Preferred Agents: Xarelto Eliquis  Non-Preferred Agents: Pradaxa Savaysa	Xarelto and Eliquis are the formulary preferred agents, and may be authorized for members who meet all of the following:  Age is 18 years or older  Diagnosis is for one of the following:  Prophylaxis of Deep Vein Thrombosis after hip or knee replacement surgery  Non-Valvular Atrial Fibrillation  There is no moderate-to-severe mitral stenosis or mechanical heart valve  Documentation of a CHA2DS2-VASc score of 1 or more (greater than or equal to 1 in males or greater than or equal to 2 in females)  Treatment of Deep Vein Thrombosis and Pulmonary Embolism Risk reduction of recurrent Deep Vein Thrombosis or Pulmonary Embolism  Received at least 6 months of standard anticoagulation treatment  Xarelto only: Prophylaxis of venous thromboembolism during and post-hospitalization in acute illness with high risk of thromboembolic complications and not at high risk of bleeding  Xarelto only: combination use with aspirin for risk reduction of cardiovascular events in chronic coronary artery disease or peripheral artery disease  Note: Includes those who have recently undergone a lower extremity revascularization due to symptomatic peripheral artery disease	Initial Approval:  Atrial fibrillation: 1 year  Knee replacement:  Up to 12 days from day of surgery  Hip replacement:  Up to 35 days from day of surgery  Treatment of Deep Vein Thrombosis or Pulmonary Embolism:  Smonths  Risk reduction of recurrent Deep Vein Thrombosis or Pulmonary Embolism:  Marelto for Venous Thromboembolism  Prophylaxis for Acute illness:  Up to 39 days of total treatment  Xarelto for Coronary Artery Disease or

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#### In Addition, for All Non-Formulary Agents:

 Documentation to support trial and failure, intolerance, or contraindication to Xarelto or Eliquis

### Pradaxa may be authorized for members who meet all of the following:

- Member is 18 years of age or older for prophylaxis of Deep Vein Thrombosis after hip or knee surgery or Non-Valvular Atrial Fibrillation
  - Note: requests for other diagnoses are approved for pediatric members
- Diagnosis is for one of the following:
  - Prophylaxis of Deep Vein Thrombosis after hip or knee replacement surgery
  - o Non-Valvular Atrial Fibrillation
    - There is no moderate-to-severe mitral stenosis or mechanical heart valve
    - Documentation of a CHA<sub>2</sub>DS<sub>2</sub>-VASc score of 1 or more (greater than or equal to 1 in males or greater than or equal to 2 in females)
  - o Treatment of Deep Vein Thrombosis and Pulmonary Embolism
    - Adults: Member received 5 10 days of initial therapy with parenteral anticoagulant
    - Pediatrics: Member received 5 21 days of initial therapy with parenteral anticoagulant
  - Risk reduction of recurrent Deep Vein Thrombosis or Pulmonary Embolism
    - Member has received at least 3 months of standard anticoagulation treatment

Peripheral Artery Disease:

o 3 months

#### Renewal Approval:

- Atrial fibrillation:
  - o 1 year
- Treatment of Deep Vein Thrombosis or Pulmonary Embolism:
  - o 3 months
- Risk reduction of recurrent Deep Vein Thrombosis or Pulmonary Embolism:
  - o 6 months
- American College of Chest Physicians (CHEST) recommends 3-month duration for most acute Venous Thromboembolism treatment
- Xarelto for Coronary Artery Disease or Peripheral Artery Disease:
  - o 6 months

#### **Quantity Level Limit:**

 Pradaxa: 2 caps per day for adults and 6 caps

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	Savaysa may be authorized for members who meet all of the following:  Age is 18 years or older  Diagnosis is for one of the following:  Non-valvular atrial fibrillation  There is no moderate-to-severe mitral stenosis or mechanical heart valve  Documentation of a CHA <sub>2</sub> DS <sub>2</sub> -VASc score of 1 or more (greater than or equal to 1 in males or greater than or equal to 2 in females)  Creatinine clearance is less than 95 milliliters per minute  Treatment of Deep Vein Thrombosis and Pulmonary Embolism  There was 5 – 10 days of initial therapy with parenteral anticoagulant	per day for pediatric members  Savaysa: 1 tablet per day Eliquis: 2 tablets per day Xarelto: 1 tablet per day Xarelto for Coronary Artery Disease or Peripheral Artery Disease: 2 tablets per day
<b>Antihistamines</b> <sup>vii</sup>	May be authorized when the following criteria is met:	Initial Approval:
], ,	Member had a trial and failure with the amount of formulary	1 year
Levocetirizine	alternatives required by the plan	Benevial Approvals
solution	<ul> <li>Alternatives: Cetirizine, diphenhydramine, loratadine, fexofenadine, levocetirizine tablet</li> </ul>	Renewal Approval: 1 year
	NOTE: For members unable to swallow solid dosage forms, formulary agents such as, but not limited to, loratadine chewable tablet/dispersible tablet/syrup/solution, cetirizine solution, or diphenhydramine liquid/elixir are options	Requires: Response to treatment

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#### Atypical Antipsychotics<sup>viii</sup>

Clozapine ODT paliperidone ER quetiapine ER Saphris Latuda Fanapt Rexulti Vraylar Secuado

#### **Continuity of Care:**

Members who are stable (new to the plan and/or using samples) on non-preferred antipsychotic therapy will receive a 6-month approval in order to transition to a preferred antipsychotic therapy.

Members who started a non-preferred antipsychotic therapy during a recent hospitalization will receive a 6-month initial approval.

#### Non-Coverage:

- Use of more than one antipsychotic, unless cross titration is needed for up to 60 days
- Use for indications that are not included in this guideline

#### All Agents - Children Ages 8-17:

#### **Criteria for ALL indications:**

- Antipsychotic is prescribed within Food and Drug Administration (FDA) approved daily dosing guidelines, treatment guidelines or recognized compendia
- Baseline and yearly blood glucose using a test for hemoglobin A1c (HBA1c) or blood glucose
- Baseline and yearly cholesterol using a test of low-density lipoprotein-cholesterol (LDL-C) or cholesterol
- Weight at baseline and yearly
- Screen for movement disorders associated with antipsychotic therapy
- Diagnosis was based on a comprehensive evaluation by a psychiatrist, psychologist, neuropsychologist, neurologist or developmental pediatrician, and the member's symptoms meet the Diagnostic and Statistical Manual of Mental Disorders (DSM5) criteria for that diagnosis
- o New starts of antipsychotic therapy only:

#### **Initial Approval:**

6 months

#### **Renewal Approval:**

One year

#### Requires:

Documentation of following:

- Improvement in target symptoms
- Treatment plan containing rationale for continued use or plan for discontinuation
- o Memberweight
- Screen for movement disorders
- Metabolic screen

### **Quantity level Limit**: **Quetiapine ER**

QLL 60/30 50mg, 300mg, 400mg

QLL 30/30 150mg, 200mg

#### Paliperidone ER

QLL30/30

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Member continues to have residual symptoms despite use of evidence-based non-pharmacologic therapies such as behavioral, cognitive, and family based therapies

Additional Criteria for Bipolar Disorder, Schizophrenia, Psychomotor Agitation Associated with Autism Spectrum Disorder OR Chronic Tic Disorder (including Tourette's Syndrome)

- Member meets one of the following:
  - o Requested antipsychotic is preferred formulary agent
  - Member had inadequate response, or intolerable side effect to two preferred formulary atypical antipsychotics.

#### Additional Criteria for Major Depressive Disorder

- Member meets the following:
  - Member had inadequate response, or intolerable side effect to three different medication regimens for depression at an adequate dose and duration (at least 4 weeks):
    - Antidepressant monotherapy
    - Antidepressant augmentation (Selective Serotonin Reuptake Inhibitor (SSRI) or Serotonin- Norepinephrine Reuptake Inhibitor (SNRI) plus bupropion, Lithium, buspirone, or liothyronine), and
- Member meets one of the following:
  - o Requested antipsychotic is preferred formulary agent, or
  - Member had inadequate response, or intolerable side effect to two preferred formulary atypical antipsychotics

Non-Preferred Agents - Adults Age 18 and Older: Criteria for ALL indications:

1.5mg, 3mg, 9mg

QLL 60/30 6mg

<u>Latuda</u> OLL 30/30

Fanapt QLL 60/30

Rexulti OLL 30/30

Saphris QLL 60/30

Vraylar QLL 30/30

Secuado QLL 30/30

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- Antipsychotic is prescribed within Food and Drug Administration (FDA) approved daily dosing guidelines, treatment guidelines or recognized compendia
- Baseline and yearly blood glucose using a test for hemoglobin A1c (HBA1c) or blood glucose
- Baseline and yearly cholesterol using a test of low-density lipoprotein-cholesterol (LDL-C) or cholesterol
- o Weight at baseline and yearly
- Screen for movement disorders associated with antipsychotic therapy

#### Additional Criteria for Bipolar Disorder or Schizophrenia:

 Member had inadequate response, or intolerable side effect to two preferred formulary atypical antipsychotics.

#### Additional Criteria for Major Depressive Disorder

- Member meets the following:
  - There was inadequate response, or intolerable side effect to three different medication regimens for depression at an adequate dose and duration (at least 4 weeks):
    - Antidepressant monotherapy
    - Antidepressant augmentation (Selective Serotonin Reuptake Inhibitor (SSRI) or Serotonin- Norepinephrine Reuptake Inhibitor (SNRI) plus bupropion, Lithium, buspirone, or liothyronine)
    - Member had inadequate response, or intolerable side effect to two preferred formulary atypical antipsychotics

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# Atypical Antipsychotics Long-Acting Injectable<sup>ix</sup>

Risperdal Consta Perseris Zyprexa Relprevv

#### **Continuity of Care:**

Members who are stable (new to the plan and/or using samples) on non-preferred antipsychotic therapy will receive a 6-month approval in order to transition to a preferred antipsychotic therapy.

Members who started a non-preferred antipsychotic therapy during a recent hospitalization will receive a 1-year initial approval.

#### May be authorized when all the following criteria are met:

- Member is 18 years of age or older
- Prescribed by, or in consultation with a psychiatrist
- Diagnosis of a Food and Drug Administration (FDA) approved indication:
  - o Schizophrenia / Schizoaffective Disorder
  - o Bipolar I (Risperdal Consta)
- Documentation that member has received the recommended oral dosage (per FDA approved labeling) to confirm tolerability and efficacy
- Member has had or is at high risk for non-adherence to oral antipsychotic medications which places member at risk for poor outcomes (Clinical Justification Required)
- Will not receive concurrent oral antipsychotics after the initial overlap period (per Food and Drug Administration (FDA) approved labeling)
- Provider agrees to support baseline and routine monitoring of all the following:
  - o Weight, body mass index (BMI), or waist circumference
  - o blood pressure
  - o fasting glucose
  - fasting lipid panel
  - o tardive dyskinesia

#### **Initial Approval:**

1 year

#### **Renewal Approval:**

1 year

#### Requires:

- Improvement in target symptoms
- Metabolic screening within the last 60 days
- Screen for tardive dyskinesia

#### **Quantity Level Limits:**

- Risperdal Consta:2 per 28 days
- Perseris:1 per 28 days
- Zyprexa Relprevv 210 mg:2 per 28 days
- Zyprexa Relprevv
  300mg:
  2 per 28 days or 1 per 28 days
- Zyprexa Relprevv 405mg:1 per 28 days

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	<ul> <li>Using the Abnormal Involuntary Movement Scale (AIMS)         <ul> <li>OR</li> <li>Dyskinesia Identification System Condensed User Scale</li></ul></li></ul>	
Balversa*	<ul> <li>General Criteria:         <ul> <li>Must be prescribed by or in consultation with an oncologist</li> </ul> </li> <li>Member must be 18 years of age or older</li> <li>In addition, Balversa may be authorized when the following criteria are met:         <ul> <li>Diagnosis of locally advanced or metastatic urothelial carcinoma</li> <li>Presence of a susceptible fibroblast growth factor receptor (FGFR) gene alteration in FGFR2 or FGFR3 confirmed by a Food and Drug Administration- (FDA) approved test</li> </ul> </li> <li>Member meets one of the following:         <ul> <li>Disease has progressed during or following at least one line of prior platinum-containing chemotherapy</li> <li>Cisplatin ineligible and a checkpoint inhibitor (atezolizumab or pembrolizumab) was used as first-line therapy</li> </ul> </li> <li>Monthly ophthalmologic exams will be completed for the first four months and every 3 months afterwards</li> </ul>	Initial Approval: 1 year  Renewal Approval: 3 years  Requires: Member has been on Balversa and does not show evidence of progressive disease while on therapy  Quantity Level Limits  • 3mg – 3 tablets per day • 4mg – 2 tablets per day • 5mg – 1 tablet per day

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Bonjesta	May be authorized when the following criteria are met:	Initial Approval:
	Member is at least 18 years of age	3 months
Doxylamine	·   · · · · · · · · · · · · · · · · · ·	
Doxylamine Succinate and Pyridoxine Hydrochloride  (Diclegis)*i	<ul> <li>Diagnosis of nausea and vomiting in pregnancy</li> <li>Inadequate response or intolerable side effects to dietary and lifestyle changes         <ul> <li>For example, avoiding stimuli/triggers, avoiding spicy or fatty foods, eating frequent small meals, or inadequate response to ginger</li> </ul> </li> <li>Use of individual products (over the counter doxylamine and pyridoxine) as separate dosage forms has not achieved adequate treatment response         <ul> <li>Pyridoxine is available as a single agent and recommended dose 10-25mg orally every six to eight hours.</li> </ul> </li> <li>Doxylamine is available as over the counter and as prescription products, with recommended dose as one-half 25mg over-the-counter tablet, or two chewable 5mg prescription tablets</li> </ul>	Renewal Approval: 3 months  Requires:  Documentation member is still pregnant and continues to have nausea and vomiting symptoms  Quantity Level Limit: Diclegis or generic Doxylamine Succinate and Pyridoxine Hydrochloride: 4 tablets per day
		Bonjesta:
		2 tablets per day
Botulinum Toxins		
Botox	Botulinum Toxins	
Myobloc	Guideline 9.13.2021.d	
Dysport		
Xeomin		
Cablivi <sup>xii</sup>	Member meets all the following criteria:	Initial Approval:
	Age is 18 years or older	30 days
	Medication is prescribed by, or in consultation with a hematologist	Renewal Approval:

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- Diagnosis is for acquired thrombotic thrombocytopenic purpura (aTTP)
- Diagnosis is confirmed by one of the following:
  - Member has severe thrombocytopenia with microangiopathic hemolytic anemia (MAHA), confirmed by red blood cell fragmentation on peripheral blood smear
    - For example, schistocytes
  - Testing shows ADAMTS13 activity levels of less than 10%
- Medication will be given in combination with plasma exchange and immunosuppressive therapy
  - o For example, systemic glucocorticoids, rituximab
- Cablivi will be discontinued if member experiences more than 2 recurrences of aTTP while on treatment with Cablivi

28 days

#### Requires:

Additional therapy up to a maximum of 28 additional days will be considered when provider submits the following:

- Documentation of remaining signs of persistent underlying disease
  - For example, suppressed
     ADAMTS13 activity levels
- Documentation date of prior episode and date of new episode
- Medication will be given in combination with plasma exchange and immunosuppressive therapy
  - For example, systemic glucocorticoids, rituximab
- Member has not experienced more than

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		2 recurrences while on Cablivi
<b>Calcipotriene</b> <sup>xiii</sup>	Calcipotriene will pay at the point of sale without requiring a prior authorization for 2 months when the following criteria is met:	Quantity Level Limit: Total treatment duration per episode is limited to 58 days beyond last therapeutic plasma exchange Initial Approval: 2 months
	<ul> <li>Diagnosis of psoriasis         <ul> <li>ICD-10 L40.0 through L40.9</li> </ul> </li> <li>Prescriptions that do not pay at point of sale require prior authorization and may be authorized for members who meet the following criteria:         <ul> <li>Diagnosis of psoriasis</li> </ul> </li> </ul>	Renewal Approval: 2 months  Requires: Improvement in symptoms  Quantity Level Limit: Ointment, cream: 120gm/30 days Solution: 60ml/30 days
Calcitonin Gene- Related Peptide (CGRP) Receptor Antagonists <sup>xiv</sup>	Aimovig and Ajovy may be authorized when the following criteria are met:  • Member has a diagnosis of one of the following:  • Episodic Migraine  • Chronic Migraine  • Attestation stating that no more than 2 agents will be used to prevent or reduce migraine frequency	Initial Approval: 3 months  Renewal Approval: 6 months  Requires: • Documentation of clinical response to

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#### **Preferred Agents:**

Aimovig Ajovy Nurtec ODT Qulipta Ubrelvy

### Non-Preferred Agents:

Emgality Ubrelvy Vyepti

- Aimovig 140mg monthly injection, requires trial and failure with the 70mg injection
- Medication will not be used in combination with another Calcitonin Gene-Related Peptide Receptor (CGRP) antagonist, or with Botulinum toxin (Botox)

### All other agents may be authorized when the following criteria are met:

- Request for Non-Preferred agent requires trial and failure of two preferred agents, where indicated
- Prescribed by, or in consultation with neurologist for preventative treatment of migraines, treatment of acute migraines, or treatment of cluster headaches.
- Age is 18 years or older
- Chronic Migraine (Emgality, Nurtec ODT, Vyepti):
  - Headache occurring on 15 or more days per month with at least
     8
     migraine days per month for more than 3 months
  - **Episodic Migraine** (Emgality, Nurtec ODT, Vyepti):
- Headache occurring less than 15 days per month with 4 to 14
  - migraine days per month
- For Chronic and Episodic migraines, there is documented inadequate
  - response, or intolerable side effects, to at least two medications for migraine prophylaxis from two different classes, for at least 3 months:
  - o Beta-Blockers: Propranolol, metoprolol, atenolol
  - o Anticonvulsants: Valproic acid, or divalproex, topiramate
  - o Antidepressants: Amitriptyline, venlafaxine
  - Angiotensin-Converting Enzyme Inhibitors (ACE-Is)/Angiotensin II

- treatment by reduction in migraine or headache days
- Aimovig 140mg monthly injection requires trial and failure with the 70mg injection
- Vyepti 300mg 90- day intravenous infusion requires trial and failure with the 100mg infusion
- Medication will not be used in combination with another Calcitonin Gene-Related Peptide Receptor (CGRP) antagonist, or with Botulinum toxin (Botox)

### **Quantity Level Limits: Aimovig:**

• 1mL per 30 days **Aiovv:** 

1.5mL per 30 days or
 4.5mL per 90 days

### **Emgality for Cluster Headaches:**

 3mL for 1st 30 days then 1mL per 30 days

Emgality for Migraine Headaches:

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- Receptor Blockers (ARBs): Lisinopril, candesartan, losartan, valsartan
- Calcium Channel Blockers: Diltiazem, nifedipine, nimodipine, verapamil
- Acute Migraine (Ubrelvy):
  - o Medication is for moderate or severe pain intensity
  - Documented inadequate response, or intolerable side effect, with at least two triptans, or member has a contraindication to triptan use
  - o Ubrelvy:
    - Member does not have End Stage Renal Disease (CrCl less than 15 mL/min)
    - Member does not experience more than 8 migraine days per month
  - Nurtec ODT:
    - Member does not experience more than 15 migraine days per month
    - Member does not have End Stage Renal Disease (CrCl less than 15 mL/min or is on hemodialysis
    - Member does not have severe hepatic impairment (Child-Pugh class C)
- Episodic Cluster Headaches: (Emgality)
  - Headaches occurring at maximum 8 attacks per day, or minimum one attack every other day
  - Trial and failure with verapamil for preventive treatment or sumatriptan (nasal or subcutaneous) for acute treatment
- Vyepti 300mg 90-day intravenous infusion requires trial and failure with the 100mg intravenous infusion
- Medication will not be used in combination with another Calcitonin Gene-Related Peptide Receptor (CGRP) antagonist, or with Botulinum toxin (Botox)

 2mL for 1st 30 days then 1mL per 30 days

#### Qulipta:

• 60mg per day

#### Nurtec ODT:

• 15 tablets per 30 days

#### **Ubrelvy:**

• 16 tablets per 30 days

#### Vyepti:

• 3mL per 90 days



### Capecitabine (Xeloda)\*\*

#### **General Criteria:**

- Prescribed by or in consultation with an oncologist
- Member is 18 years of age or older

### In addition, capecitabine may be authorized when one of the following criteria is met:

- Locally unresectable or metastatic colorectal cancer
- Triple negative breast cancer (estrogen receptor, progesterone receptor, and HER2-negative) when there is residual disease after preoperative therapy with a taxane, an alkylator, and an anthracycline
- Recurrent or metastatic breast cancer with one of the following:
  - Human epidermal growth factor receptor 2 (HER2) negative alone or in combination with docetaxel
  - Human epidermal growth factor receptor 2 (HER2) positive recurrent or metastatic breast cancer in combination with trastuzumab (Herceptin), lapatinib (Tykerb), or neratinib (Nerlynx)
- Rectal cancer
- Metastatic renal cell carcinoma (RCC) in combination with gemcitabine
- Pancreatic adenocarcinoma and pancreatic neuroendocrine tumors (PNET) (Islet tumors)
- Esophageal, esophagogastric junction or gastric cancers
- Recurrent, unresectable, or metastatic head and neck cancer
- Hepatobiliary cancers (extra/intra-hepatic cholangiocarcinoma and gallbladder cancer)
- Neuroendocrine tumors of lung and thymus
- Poorly differentiated neuroendocrine carcinoma (PDNEC)
- Occult primary tumors
- Ovarian cancer

#### **Initial Approval:**

1 year

#### Renewal Approval:

3 years

#### Requires:

Clinically significant improvement or stabilization of disease state

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	Penile cancer	
Celecoxib	Celecoxib pays at Point of Sale when one of the following Step Therapy criteria are met:  • Member has filled 3 oral formulary Non-Steroidal Anti-Inflammatory Drugs (NSAIDs) in the previous 180 days  • Member has filled one of the following in the previous 90 days:  • Proton Pump Inhibitor  • Histamine H2 Receptor Antagonist  • Prednisone  • Warfarin  • Xarelto  • Pradaxa  • Eliquis  Prescriptions that do not pay at Point of Sale require prior authorization and may be authorized when one of the following criteria are met:  • Member had previous history of Gastro-Intestinal bleed, or Peptic Ulcer Disease  • Trial and failure of 3 formulary oral Non-Steroidal Anti-inflammatory Drugs (NSAIDs)  • Member had a trial with one of the following:  • Proton Pump Inhibitor  • Histamine H2 Receptor Antagonist  • Prednisone  • Warfarin  • Xarelto  • Pradaxa	Initial and Renewal Approval: One Year  Quantity Level Limit: 50mg, 100mg, 200mg: 60 capsules per 30 days 400mg: 30 capsules per 30 days
Central Nervous	o Eliquis Authorization Guidelines for All Agents:	Initial Approval:
System (CNS)	Stimulant is prescribed within Food and Drug Administration (FDA)	Attention Deficit
Stimulants <sup>xvii</sup>	approved daily dosing guidelines	Hyperactivity Disorder/Attention

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Dexmethylphenidate caps ER bi-phasic

Methylphenidate tab ER 24hr

Methylphenidate caps ER bi-phasic

Methylphenidate tablet chew

Methylphenidate soln

Evekeo

Aptensio XR

Daytrana

Quillivant XR

Methamphet-amine

Dyanavel XR

Mydayis

Adhansia XR

Jornay PM

Aptensio XR

Contempla XR-ODT

- Member will be taking only one type of stimulant medication as therapy (methylphenidate or amphetamine-based drug)
  - A short-acting stimulant medication to be combined with a long-acting stimulant medication of the same drug type may be approved when there is documentation of the long-acting version not lasting for sufficient daily duration
- Member meets criteria noted based on age
- Member has adverse reaction or contraindication to all preferred agents that does not also exist for the requested non-preferred drug, or
- Member has failed to respond to at least two formulary stimulants (one formulary stimulant from each of the stimulant subclasses) (for example, amphetamine/dextroamphetamine and methylphenidate/dexmethylphenidate).
  - Requests for non-preferred, extended release product, require failure of extended release formulation of the preferred agents
  - Requests for non-preferred, immediate release product, require failure of the immediate release formulation of the preferred agents

#### Additional Guidelines for Adults over 18:

- Member has diagnosis of Attention Deficit Hyperactivity
   Disorder/Attention Deficit Disorder (ADHD/ADD), narcolepsy,
   idiopathic hypersomnia, or fatigue related to cancer or multiple
   sclerosis
- In addition, members initiating stimulant for Attention Deficit Hyperactivity Disorder/Attention Deficit Disorder (ADHD/ADD) must meet the following:

- Deficit Disorder (ADHD/ADD) less than 6 years: 1 year
- Attention Deficit
   Hyperactivity
   Disorder/Attention
   Deficit Disorder
   (ADHD/ADD) 6-18
   years: Up to age 21
- Attention Deficit
   Hyperactivity
   Disorder/Attention
   Deficit Disorder
   (ADHD/ADD) greater
   than 18 years: 1 year
- Narcolepsy, idiopathic hypersomnia, or fatigue related to cancer or multiple sclerosis: 1 year

#### Renewal Approval:

- Attention Deficit
   Hyperactivity
   Disorder/Attention
   Deficit Disorder
   (ADHD/ADD) less than
   6 years: 1 year
- Attention Deficit
   Hyperactivity
   Disorder/Attention
   Deficit Disorder

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- Attention Deficit Hyperactivity Disorder/Attention Deficit Disorder (ADHD/ADD) diagnosis is documented in medical record and is based on comprehensive evaluation by appropriate specialist, and includes evidence-based rating scale
  - For example, but not limited to Adult Self Report Scale V1.1 (ASRS V1.1).
  - The symptoms must also meet Diagnostic and Statistical Manual of Mental Disorders (DSM5) criteria
- Other conditions (such as depression, anxiety, conduct disorder or tics) have been ruled out or are being appropriately treated
- For members with history of substance abuse disorder, a urine drug screen is included in the treatment plan (does not require submission of results)

#### Additional Guidelines for Children Ages 6-18:

- Member has diagnosis of Attention Deficit Hyperactivity
   Disorder/Attention Deficit Disorder (ADHD/ADD), or narcolepsy
- In addition, members initiating stimulant for of Attention Deficit Hyperactivity Disorder/Attention Deficit Disorder (ADHD/ADD) must meet the following:
  - Attention Deficit Hyperactivity Disorder/Attention Deficit Disorder (ADHD/ADD) diagnosis is documented in medical record and is based on comprehensive evaluation by appropriate specialist or primary care provider.
  - o The evaluation must include an evidence-based rating scale
    - For example, but not limited to Swanson, Nolan, Pelham-IV Questionnaire (SNAP-IV)).
    - The symptoms must also meet Diagnostic and Statistical Manual of Mental Disorders (DSM5) criteria
  - Other conditions (such as depression, anxiety, conduct disorder

- (ADHD/ADD) 6-18 years: up to age 21
- Attention Deficit
   Hyperactivity
   Disorder/Attention
   Deficit Disorder
   (ADHD/ADD) greater
   than 18 years: 1 year
- Narcolepsy, idiopathic hypersomnia, or fatigue related to cancer or multiple sclerosis: 1 year

#### Renewal Requirements for Attention Deficit Hyperactivity Disorder/Attention Deficit Disorder (ADHD/ADD) and Narcolepsy:

- Attestation of response to therapy
- Attestation of member adherence to therapy

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- or tics) have been ruled out or are being appropriately treated
- For members with history of substance abuse disorder, a urine drug screen is included in the treatment plan (does not require submission of results)
- Evidence-based behavioral therapy (child, teacher, and/or caregiver) has been considered as part of treatment plan. The therapy can be ongoing, previously completed or noted as not appropriate or necessary in this case

#### Additional Guidelines for Children Age 5 and Under:

- Member continues to have Attention Deficit Hyperactivity
   Disorder/Attention Deficit Disorder (ADHD/ADD) symptoms despite
   evidence-based parent and/or teacher-administered behavior
   therapy
- Requests for use in children age 5 and under are generally not considered to be medically necessary, since many stimulant medications are not Food and Drug Administration (FDA) approved for use in this age group
- Safety and efficacy in this age group has not been established and is not supported by the currently published peer-reviewed medical literature

#### Additional Guidelines for Non-Preferred Agents:

- Member meets criteria noted above based on age
- Member has adverse reaction or contraindication to all preferred agents that does not also exist for the requested non-preferred drug, or
- Member has failed to respond to at least two formulary stimulants (one formulary stimulant from each of the stimulant subclasses) (for



<b>Objectiv</b> svijij	example, amphetamine/dextroamphetamine and methylphenidate/ dexmethylphenidate).  O Requests for a non-preferred, extended release product, require failure of extended release formulation of the preferred agents  O Requests for a non-preferred, immediate release product, require failure of the immediate release formulation of the preferred agents	
Chantix×viii	<ul> <li>Member meets all of the following criteria:</li> <li>Age is 17 years or older</li> <li>Medication is prescribed for smoking cessation</li> <li>Counseling was given on tobacco cessation</li> <li>Member had one of the following:         <ul> <li>Inadequate response or intolerable side effect to a trial of at least one combination smoking cessation regimen:</li></ul></li></ul>	Initial Approval: 12 weeks  Renewal Approval: 12 weeks  Requires:  Smoking cessation by week 12 of treatment  Total duration is limited to 24 weeks per treatment
		Quantity Level Limit: 2 tablets per day
<b>Cinacalcet</b> <sup>xix</sup>	Secondary Hyperparathyroidism due to Chronic Kidney Disease on	Initial Approval:
(Sensipar)	Dialysis:	6 months
	<ul> <li>Member is at least 18 years of age</li> <li>Serum calcium greater than or equal to 8.4mg/dL, prior to initiation of therapy</li> <li>Intact parathyroid hormone (iPTH) greater than or equal to 300pg/mL, prior to initiation of therapy</li> </ul>	Renewal Approval: 1 year Requires:

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	Inadequate response or intolerable side effect to at least one type of	
	phosphate binder	12.5mg/dL
	Member meets one of the following criteria:	
	<ul> <li>Inadequate response or intolerable side effect to calcitriol or</li> </ul>	Dosing information:
	paricalcitol	<ul> <li>Dialysis member</li> </ul>
	<ul> <li>Serum phosphate greater than or equal to 5.5mg/dL, or serum</li> </ul>	with secondary
	calcium greater than or equal to 9.5mg/dL, and there is	hyperparathyroidism
	persistently elevated parathyroid hormone (PTH), despite	: Up to 300 mg/day
	maximum therapies to decrease phosphate	
	Parathyroid Cancer:	<ul> <li>Hypercalcemia</li> </ul>
	Member is at least 18 years of age	associated with
	Serum calcium is greater than or equal to 12.5mg/dL, prior to	parathyroid
	initiation of therapy	carcinoma or
	Primary Hyperparathyroidism:	primary
	Member is at least 18 years of age	hyperparathyroidism
	Member is not a candidate for parathyroidectomy	: Up to 360 mg/day
	Serum calcium greater than or equal to 12.5mg/dL, prior to initiation	
	of therapy	
Colony Stimulating	of therapy	
Factors	W	
raciors	Colony Stimulating	
	Factors Guideline 9.13	
Continuous Glucose	Criteria to Receive Formulary Continuous Glucose Monitoring	Initial Approval for
Monitoringxx	System (FreeStyle Libre, Dexcom):	Continuous Glucose
	Member meets all the following:	Monitoring:
	<ul> <li>Prescribed by, or in consultation with endocrinologist</li> </ul>	Six months
	<ul> <li>Diagnosis of Type 1 or Type 2 Diabetes</li> </ul>	Readers:
Dexcom G6	<ul> <li>Age is appropriate for prescribed Continuous Glucose Monitor</li> </ul>	o FreeStyle Libre 10,
	<ul> <li>Dexcom: Age is at least 2 years</li> </ul>	FreeStyle Libre 14 &
FreeStyle Libre	<ul> <li>Freestyle Libre 10 &amp; 14 day: Age is at least 18 years</li> </ul>	FreeStyle Libre 2
	<ul> <li>Freestyle Libre 2: Age is at least 4 years</li> </ul>	<b>1</b>

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- Currently on an insulin pump or requires multiple daily insulin injections (2 or more per day)
- Compliance with self-monitoring along with one of the following:
  - Monitoring blood glucose 4 or more times per day with frequent self-adjustments of insulin dosage
  - History of hypoglycemic unawareness
- o Attestation member completed a comprehensive diabetes education program

#### Criteria to receive another Continuous Glucose Monitoring system

- Member meets all the following:
  - o Current monitor is not functionally operating
  - o Current monitor is out of warranty

NOTE: Requests for all other CGM products besides the preferred Dexcom and Freestyle Libre are to go through the medical benefit.

- 1 reader per year
- · Sensors:
  - Freestyle Libre 14 day & Freestyle Libre 2:
    - 2 sensors per28 days
  - o Freestyle Libre 10
    - 3 sensors per 30 days
  - Dexcom G6:
    - 3 sensors per 30 days
- Transmitters:
  - o Dexcom G6:
  - 1 transmitter per 90 days

#### Renewal Approval for Continuous Glucose Monitoring:

6 months

#### Requires:

Documentation of continued medical necessity

• Readers:



		<ul> <li>FreeStyle Libre 10,         FreeStyle Libre 14 &amp;         FreeStyle Libre 2         <ul> <li>1 reader per year</li> </ul> </li> <li>Sensors:         <ul> <li>Freestyle Libre 14 day &amp; Freestyle Libre 14 Libre 2:                 <ul> <li>2 sensors per 28 days</li> <li>Freestyle Libre 10</li> <li>3 sensors per 30 days</li> <li>Dexcom G6:                     <ul> <li>3 sensors per 30 days</li> </ul> </li> <li>Transmitters:                    <ul> <li>Dexcom G6:</li> <li>1 transmitter per 90 days</li> </ul> </li> </ul></li></ul></li></ul>
Constipation Agents <sup>xxi</sup>	Irritable Bowel Syndrome with Constipation or Chronic Idiopathic Constipation	Initial Approval:  Linzess: 6 months
Amitiza  Movantik  Symproic  Linzess	<ul> <li>Amitiza may be authorized when the following are met:</li> <li>Member is 18 years of age or older</li> <li>Diagnosis is for Irritable Bowel Syndrome with Constipation or Chronic Idiopathic Constipation</li> <li>There was treatment failure with at least two of the following classes, one of which is an osmotic laxative: <ul> <li>Osmotic Laxatives</li> </ul> </li> </ul>	<ul> <li>Amitiza, Movantik, and Symproic: Indefinite         <ul> <li>For Opioid-Induced</li> <li>Constipation there</li> <li>was at least 30</li> </ul> </li> </ul>

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Non-preferred/
Non-formulary

- lactulose, polyethylene glycol, sorbitol
- Bulk Forming Laxatives
  - psyllium, fiber
- Stimulant Laxatives
  - bisacodyl, senna

#### Linzess may be authorized when the following are met:

- Member is 18 years of age or older
- Diagnosis is for Irritable Bowel Syndrome with Constipation or Chronic Idiopathic Constipation
- There was treatment failure on Amitiza and at least two of the following laxative classes, one of which is an osmotic laxative
  - Osmotic Laxatives
    - lactulose, polyethylene glycol, sorbitol
  - Bulk Forming Laxatives
    - psyllium, fiber
  - Stimulant Laxatives
    - bisacodyl, senna

#### **Opioid-Induced Constipation**

### Amitiza, Movantik, Symproic may be authorized when the following are met:

- Member is 18 years of age or older
- Diagnosis is for Opioid-Induced Constipation
- Member had at least 30 days of opioids in the prior four weeks
- There was treatment failure with at least one medication from two of the following classes:
  - Osmotic Laxatives
    - polyethylene glycol (PEG) 3350, lactulose, magnesium citrate/hydroxide
  - Stimulant Laxatives
    - bisacodyl, sodium picosulfate, senna

days of opioids in the prior four weeks

#### Renewal Approval:

- Linzess: 6 months
- Amitiza, Movantik, and Symproic: Indefinite
  - For Opioid-Induced Constipation there was at least 30 days of opioids in the prior four weeks

#### **Quantity Level Limit:**

Amitiza:

- 60 tablets per 30 days Linzess:
- 30 tablets per 30 days Movantik:
- 30 tablets per 30 daysSymproic:
- o 30 tablets per 30 days

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#### Corlanorxxii

### May be authorized for members 18 years of age or older when the following criteria are met:

- Diagnosis of stable symptomatic chronic heart failure (New York Heart Association (NYHA) Class II-III)
- Left ventricular ejection fraction (LVEF) is less than or equal to 35%
- Member is in sinus rhythm with a resting heart rate greater than or equal to 70 beats per minute
- Continuation of therapy with maximally tolerated beta-blocker, or there is intolerance or contraindication to beta-blockers
- Continuation of therapy with angiotensin-converting-enzyme inhibitor (ACEI)/Angiotensin Receptor Blockers (ARB), or Entresto, or there is intolerance, or contraindication to angiotensinconverting-enzyme inhibitor (ACEI)/Angiotensin Receptor Blockers (ARB), or Entresto
  - o Note: Entresto requires Prior Authorization
- Provider attestation that no contraindications to treatment exist:
  - o Acute decompensated heart failure
  - Blood pressure less than 90/50 mmHg
  - Pacemaker dependent (for example: heart rate maintained exclusively by pacemaker)
  - Sick sinus syndrome, sinoatrial block of third-degree AV block (unless functioning demand pacemaker is present)
  - o Severe hepatic impairment (Child-Pugh class C)

### May be authorized for pediatric members 6 months of age or older when the following criteria are met:

- Diagnosis of heart failure due to dilated cardiomyopathy
- Member is in sinus rhythm with a resting heart rate of greater than or equal to 70 beats per minute
- Provider attestation that no contraindications to treatment exist:
  - o Acute decompensated heart failure

### **Initial Approval:**

6 months

### Renewal Approval:

1 year

#### Requires:

- Member is responding to treatment
- Heart rate is within recommended range for continuation of maintenance dose
  - For example, 50-60 beats per minute, or dose adjusted accordingly to achieve goal

### **Quantity Level Limit**:

- Adults and Pediatrics:60 tablets per 30 days
- Oral solution for pediatrics:
   120 ampules per 30 days

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	o Blood pressure less than 90/50 mmHg	
	<ul> <li>Pacemaker dependent (for example, heart rate maintained</li> </ul>	
	exclusively by pacemaker)	
	<ul> <li>Sick sinus syndrome, sinoatrial block of third-degree AV block</li> </ul>	
	(unless functioning demand pacemaker is present)	
	<ul> <li>Severe hepatic impairment (Child-Pugh class C)</li> </ul>	
Cystic Fibrosis	Medical Records are required for all Cystic Fibrosis Medications	Initial Approval:
(pulmonary)		Kalydeco, Symdeko,
<b>Medications</b> <sup>xxiii</sup>	Tobramycin Nebulizer Solution (generic for Tobi) may be authorized	Orkambi, Trikafta:
	when the following are met:	3 months
Tobramycin	Member has a diagnosis of Cystic Fibrosis	
Nebulizer	Member is at least 6 years of age	Non-cystic fibrosis
Tobi Podhaler	<ul> <li>Forced Expiratory Volume in one second (FEV<sub>1</sub>) is between 25-80%</li> </ul>	bronchiectasis:
	predicted	Tobramycin nebulizer
Bethkis	Sputum cultures are positive for P.aeruginosa.	solution, Tobi Podhaler,
Cayston	Member is not colonized with <i>Burkholderia cepacia</i>	Bethkis:
Kalydeco	Tobi Podhaler, Bethkis may be authorized when the following are	12 months
Orkambi	<ul><li>met:</li><li>Member meets above criteria for tobramycin nebulizer solution</li></ul>	All others: Indefinite
Symdeko Trikafta	<ul> <li>Member had an inadequate response, or intolerable side effect(s) with tobramycin nebulizer solution (generic).</li> </ul>	Renewal Approval: Kalydeco, Symdeko,
	Tobramycin Nebulizer Solution (generic for Tobi), Tobi Podhaler or Bethkis may be authorized for non-cystic fibrosis bronchiectasis when the following are met	Orkambi, Trikafta: 12 months
	Sputum cultures or chart notes document the presence of	Requires:
	pseudomonas aeruginosa	<ul> <li>Documentation to</li> </ul>
	Member has tried formulary alternatives (for example, ciprofloxacin,	support response to
	sulfamethoxazole/trimethoprim) or formulary alternatives are	therapy (symptom
	contraindicated for non-cystic fibrosis bronchiectasis	improvement and/or
	23. Mainaidata 101 Horr dystic Horodio brottoriloctadio	stable Forced

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 In addition, for Tobi Podhaler and Bethkis: Member had inadequate response, or intolerable side effect with tobramycin nebulizer solution (generic)

### Cayston may be authorized when the following are met:

- Member has a diagnosis of Cystic Fibrosis
- Member is at least 7 years of age
- Forced expiratory volume in one second (FEV<sub>1</sub>) is between 25-75% predicted
- Sputum cultures are positive for P.aeruginosa.
- Member is not colonized with Burkholderia cepacia
- Member had an inadequate response, or intolerable side effect(s) with 2 different formulary tobramycin nebulizer solution products OR sputum cultures show resistance to tobramycin

### Kalydeco can be recommended for approval when the following are met:

- Prescribed by, or in consultation with, a pulmonologist
- Member has a diagnosis of Cystic Fibrosis
- Member is at least 1 year of age
- Lab results to support member has one gating mutation OR one residual function mutation in the Cystic Fibrosis Transmembrane Conductance Regulator (CFTR) gene that is responsive to Kalydeco (ivacaftor).
- Member is not homozygous for the Phe508del mutation in the Cystic Fibrosis Transmembrane Conductance Regulator (CFTR) gene.
- For pediatric members, an eye examination is required at baseline and periodically throughout therapy.
- Transaminase (Aminotransferase (ALT), Aspartate
   Aminotransferase (AST)) monitoring and liver function tests have

- Expiratory Volume in one second ( $FEV_1$ )).
- Pediatric members: Eye exam due to the possible development of cataracts.
- Transaminase

   (Aminotransferase
   (ALT), Aspartate
   Aminotransferase
   (AST)) monitoring
- Liver Function Tests: Kalydeco, Symdeko, Orkambi and Trikafta should be temporarily discontinued if Alanine Aminotransferase (ALT)/Aspartate Aminotransferase (AST) are greater than 5 times the upper limit of normal (ULN) or Alanine Aminotransferase (ALT) or Aspartate Aminotransferase (AST)) is greater than 3 times the upper limit of normal (ULN) with bilirubin greater than 2 times the upper limit of normal (ULN)



been evaluated and dose has been reduced for members with moderate to severe hepatic impairment

 For members taking a moderate or strong CYP3A inhibitor (for example, fluconazole, erythromycin, ketoconazole, itraconazole, posaconazole, voriconazole, telithromycin, and clarithromycin), reduce Kalydeco dose

### Orkambi can be recommended for approval when the following are met:

- Prescribed by, or in consultation with pulmonologist
- Member has a diagnosis of Cystic Fibrosis
- Member is at least 2 years of age
- Lab results to support member is homozygous for the F508del mutation in the Cystic Fibrosis Transmembrane Conductance Regulator (CFTR) gene
- For pediatric members, an eye examination is required at baseline and periodically throughout therapy.
- Transaminase (Aminotransferase (ALT), Aspartate
   Aminotransferase (AST)) monitoring at baseline and liver function
   tests have been evaluated and dose reduced for members with
   moderate to severe hepatic impairment
- For members initiating Orkambi and are currently taking a strong Cytochrome P450, family 3, subfamily A (CYP3A) inhibitor (for example, ketoconazole, itraconazole, posaconazole, voriconazole, telithromycin, and clarithromycin), reduce Orkambi dose

### Symdeko can be recommended for approval when the following are met:

- Prescribed by, or in consultation with pulmonologist
- Member has a diagnosis of Cystic Fibrosis
- Member is at least 12 years of age
- Lab results to support ONE of the following:

### Non-cystic fibrosis bronchiectasis:

Tobramycin nebulizer solution, Tobi Podhaler, Bethkis: 12 months

### Requires:

Documentation to support response to therapy

### **Quantity Level Limit:**

- Tobramycin: 56
   ampules per 56 days

   (28 days of therapy
   followed by 28 days off)
- Cayston: 84 ampules per 56 days (28 days of therapy followed by 28 days off)
- Kalydeco: 56 tablets per 28 days
- Orkambi: 112 tablets per 28 days
- Symdeko: 56 tablets per 28 days
- Trikafta: 84 tablets per 28 days

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- Member is homozygous for the F508del mutation in the Cystic Fibrosis Transmembrane Regulator (CFTR) gene
- Member has at least one mutation in the Cystic Fibrosis
   Transmembrane Conductance Regulator (CFTR) gene that is
   responsive to Symdeko (tezacaftor-ivacaftor)
- For members who are homozygous for the F508del mutation in the Cystic Fibrosis Transmembrane Conductance Regulator (CFTR) gene, the member had an inadequate response, or intolerable side effect(s) with Orkambi
- Transaminase (Aminotransferase (ALT), Aspartate
   Aminotransferase (AST)) monitoring at baseline, and liver function
   tests have been evaluated and dose reduced for members with
   moderate to severe hepatic impairment
- For members taking a moderate to strong Cytochrome P450, family 3, subfamily A (CYP3A) inhibitor (for example, fluconazole, erythromycin, ketoconazole, itraconazole, posaconazole, voriconazole, telithromycin, and clarithromycin), reduce Symdeko dose.

### Trikafta can be recommended for approval when the following are met:

- Prescribed by, or in consultation with pulmonologist
- Member has a diagnosis of Cystic Fibrosis
- Pretreatment forced expiratory volume (FEV<sub>1</sub>)
- Member is at least 12 years of age
- Lab results to support the following:
- Member has at least one F508del mutation in the Cystic Fibrosis Transmembrane Regulator (CFTR) gene
- For members who are homozygous for the F508del mutation in the Cystic Fibrosis Transmembrane Conductance Regulator (CFTR)



	<ul> <li>gene, the member had an inadequate response, or intolerable side effect(s) with Orkambi</li> <li>Transaminase (Aminotransferase (ALT), Aspartate         Aminotransferase (AST)) monitoring at baseline, and liver function tests have been evaluated and dose reduced for members with moderate to severe hepatic impairment</li> <li>For members taking a moderate to strong Cytochrome P450, family 3, subfamily A (CYP3A) inhibitor (for example, fluconazole, erythromycin, ketoconazole, itraconazole, posaconazole, voriconazole, telithromycin, and clarithromycin), reduce Trikafta dose</li> </ul>	
Cytokines CAM Antagonist	Cytokines CAM Antagonist Guideline	
Dalfampridine (Ampyra) <sup>xxiv</sup>	<ul> <li>May be approved when documentation of the following criteria is presented:         <ul> <li>Prescribed by, or in consultation with, a neurologist</li> <li>Member is 18 years of age or older</li> <li>Diagnosis of multiple sclerosis with one of the following:                 <ul> <li>Impaired walking ability defined as a baseline 25-foot walking test between 8 and 45 seconds</li> <li>Expanded Disability Status Scale between 4.5 and 6.5</li> <li>Member is not wheelchair-bound</li> <li>Does not have a history of seizures</li> <li>Member has not had disease exacerbation in the previous 60 days</li> <li>Does not have moderate to severe renal impairment (Creatinine Clearance less than 50 mL/min)</li> </ul> </li> </ul> </li> </ul>	Initial Approval: 3 months  Renewal Approval: 1 year  Requires: • Member meets one of the following criteria: • There is improvement in timed walking speed on 25-foot walk • There is stability or improvement in

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		Expanded Disability Status Scale score  • Member does not have moderate to severe renal impairment (creatinine clearance less than 50 mL/min)  • Annual Electroencephalograph y (EEG) testing is completed
		Quantity Level Limit: 2 tablets perday
Daliresp*xv	<ul> <li>May be approved for adults who meet all of the following:         <ul> <li>Member is 18 years of age or older</li> </ul> </li> <li>Diagnosis of severe Chronic Obstructive Pulmonary Disease (COPD) with chronic bronchitis and history of exacerbations         <ul> <li>Forced expiratory volume (FEV<sub>1</sub>) less than or equal to 50 percent of predicted</li> </ul> </li> <li>Member had symptomatic exacerbations within last year</li> <li>Member had inadequate response to a three-month trial, or contraindication to one of the following:         <ul> <li>Long-Acting Beta-Agonist (LABA) + Long-Acting Muscarinic Antagonist (LAMA) + Inhaled Corticosteroid (ICS)</li> <li>Long-Acting Beta-Agonist (LABA) + Inhaled Corticosteroid (ICS)</li> <li>Long-Acting Beta-Agonist (LABA) + Long-Acting Muscarinic Antagonist (LAMA)</li> </ul> </li> <li>Daliresp will be used in conjunction with one of the following, unless contraindicated or intolerant:</li> </ul>	Initial Approval: 6 months  Renewal Approval: 6 months  Requires: Improvement in number of Chronic Obstructive Pulmonary Disease (COPD) exacerbations  Initial Dose: 250 mcg/dayfor 4 weeks  Maintenance Dose: 500 mcg/day

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Diabetic Testing	<ul> <li>Long-Acting Beta-Agonist (LABA)</li> <li>Long-Acting Muscarinic Antagonist (LAMA)</li> <li>Long-Acting Beta-Agonist (LABA) + Long-Acting Muscarinic         Antagonist (LAMA)</li> <li>Long-Acting Beta-Agonist (LABA) + Inhaled Corticosteroid (ICS)</li> <li>No evidence of moderate to severe liver impairment (Child-Pugh B or C)</li> <li>Diabetic Test Strip and Glucometer Quantity Limits:</li> </ul> Approval Duration:
Supplies****i	<ul> <li>All diabetic test strips are limited to 150 count per 30 days</li> <li>Glucometers are limited to 1 glucometer per 12 months</li> </ul>
	<ul> <li>Criteria to Receive Non-Formulary Diabetic Supplies</li> <li>Member meets one of the following:         <ul> <li>Physical limitation (manual dexterity or visual impairment) that limits utilization of formulary product</li> <li>Insulin pump requiring specific test strip</li> <li>Hematocrit levels chronically less than 35% or greater than 45%</li> <li>Accuchek Aviva, Accuchek Nano, Accuchek Performa, and Freestyle Freedom Lite are accurate for hematocrit 10-65%</li> </ul> </li> </ul>
	Criteria to Receive Greater Than 150 Test Strips Per Month  Member meets one of the following:  Newly diagnosed diabetes or gestational diabetes  Children with diabetes that are less than 18 years of age  Currently on an insulin pump  Requires high intensity insulin therapy, and routinely tests more than 4-5 times daily
	Criteria to Receive Greater Than One Glucometer Per Year  • Member meets one of the following:

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		<del></del>
	<ul> <li>Current glucometer is unsafe, inaccurate, or no longer</li> </ul>	
	appropriate based on medical condition	
	<ul> <li>Current glucometer no longer functions properly, has been</li> </ul>	
	damaged, or was lost or stolen	
<b>Direct Renin</b>	Member is 6 years of age or older	Initial Approval:
<b>Inhibitors</b> xxvii	<ul> <li>Diagnosis of hypertension</li> </ul>	6 months
	o For oral pellets:	
Aliskiren	<ul> <li>Member is unable to swallow tablets</li> </ul>	Renewal Approval:
(Tekturna)	o There was inadequate response, or inability to tolerate at least 2	6 months
Tekturna HCT	formulary antihypertensive agents from any of the following therapeutic classes:  o Thiazide-type diuretic	Requires: • Positive response to
	Calcium Channel Blocker	treatment
	Angiotensin-converting-enzyme (ACE) Inhibitor	Member is not pregnant
	Angiotensin receptor blocker (ARB)	
	Member is not pregnant	
Dry Eye	May be approved when all the following criteria is met:	Initial Approval:
<b>Medications</b> **xviii	• Cequa:	6 months
Cequa	<ul> <li>Member is 18 years of age or older</li> <li><u>Restasis</u>:</li> </ul>	Renewal Approval: One year
Restasis	<ul> <li>Member is 16 years of age or older</li> <li>Xiidra:</li> </ul>	
Xiidra	<ul> <li>Member is 17 years of age or older</li> <li>Prescribed by, or in consultation with, an ophthalmologist or optometrist</li> </ul>	<b>Quantity Level Limit:</b> 60 vials per 30 days
	Diagnosis of Keratoconjunctivitis Sicca (dry eye syndrome, dysfunctional tear syndrome), dry eye disease, or dry eyes due to Sjogren's Syndrome	
	<ul> <li>Trial and failure, or intolerance, of at least two different forms of formulary artificial tears, used at least four times per day</li> </ul>	

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	o For example, gels, ointments, or liquids	
<b>Dupixent</b> <sup>xxix</sup>	For Moderate to Severe Atopic Dermatitis, may be authorized when all of the following is met:	Initial Approval: 6 months
	Member had an inadequate response or intolerable side effects to	Omontris
	all of the following:	Renewal Approval:
	One preferred (medium to very high potency) topical	12 months
	corticosteroids (for example triamcinolone, clobetasol,	
	mometasone, betamethasone, fluocinonide), or one preferred	Requires:
	low potency topical corticosteroid, for sensitive areas, such as	Atopic Dermatitis:
	face	Physician attestation to
	Generic immunosuppressant if appropriate; OR topical	response to therapy
	calcineurin inhibitors OR phototherapy, OR phosphodiesterase-	Asthma of Eosinophilic
	4 inhibitor	Phenotype:
	For Moderate to Severe Asthma, may be authorized when all of the	Response to therapy
	following is met:	(for example, by a
	Member is 6 years of age or older	decrease in
	Documented diagnosis of moderate to severe asthma with one of	exacerbations from
	the following (submission of medical records required):	baseline, improvemen
	<ul> <li>Eosinophilic phenotype, with pretreatment eosinophil count</li> </ul>	in Forced Expiratory Volume in less than on
	greater than or equal to 150/microliter	
	o Corticosteroid dependent asthma (has received greater than or	second (FEV <sub>1</sub> ) from baseline, etc.)
	equal to 5 milligram/day oral prednisone or equivalent per day)	Continued use of
	<ul> <li>Prescribed by, or in consultation with a pulmonologist, allergist, or</li> </ul>	Dupixent as add on
	immunologist	therapy to other asthm
	Dupixent will be used as add on therapy to a medium or high dose	medications
	Inhaled Corticosteroid (ICS), plus one additional controller (for	Dupixent will not be
	example, Long-Acting Beta Agonist (LABA), or Long-Acting	used with another
	Muscarinic Antagonist (LAMA)	monoclonal antibody
	Member has been compliant with medium to high dose Inhaled	Corticosteroid Depender
	Corticosteroids (ICS) plus a Long-Acting Beta Agonist (LABA), Long-	Asthma:

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Acting Muscarinic Antagonist (LAMA), or other controller for at least three months and remains symptomatic

- Asthma symptoms are uncontrolled, as defined by one of the following:
  - Daily use of rescue medications (for example, Short Acting Beta-2 Agonists)
  - o Nighttime symptoms occurring one or more times a week
  - Minimum of two exacerbations in the last 12 months requiring additional medical treatment (For example, systemic corticosteroids, emergency department visits, or hospitalization)
  - o Forced Expiratory Volume in less than one second (FEV₁) is less than 80 percent predicted
- Dupixent will not be used with another monoclonal antibody

  To Chapting Singuistics with Need Polymonia (ORC), when the control of the c

### For Chronic Rhinosinusitis with Nasal Polyposis (CRSwNP), may be authorized when all of the following is met:

- Member is 18 years of age or older
- Documented diagnosis of chronic rhinosinusitis with nasal polyposis
- Dupixent will be used as add-on therapy to intranasal corticosteroids
- Prescribed by, or in consultation with an ear, nose, and throat (ENT) specialist or an allergist
- Symptoms have persisted for at least 12 weeks and two out of four hallmark signs and symptoms are present:
  - o Mucopurulent drainage
  - Nasal obstruction
  - Decreased sense of smell
  - o Facial pain, pressure, and/or fullness
- Attestation prescriber has confirmed mucosal inflammation is present

- Response to therapy
  (for example, by a
  decrease in dose of oral
  steroids from baseline,
  a decrease in
  exacerbations from
  baseline, improvement
  in Forced Expiratory
  Volume in less than one
  second (FEV<sub>1</sub>) from
  baseline, etc.)
- Continued use of Dupixent as add on therapy to other asthma medications
- Dupixent will not be used with another monoclonal antibody

## Chronic Rhinosinusitis with Nasal Polyposis (CRSwNP)

 Response to therapy (for example, by a decrease in the bilateral endoscopic nasal polyps score (NPS) or nasal congestion/obstruction score (NC) from baseline)



	Member's condition has been inadequately controlled by systemic corticosteroids and/or sinus surgery following intranasal corticosteroids	Continued use of     Dupixent as add-on     therapy to intranasal     corticosteroids
Elmiron	Elmiron will pay at the point of sale (without requiring prior authorization) for 6 months when the following criteria is met:  • Diagnosis of interstitial cystitis (ICD-10 N30.1*)  Prescriptions that do not pay at the point of sale require prior authorization and may be authorized for members who meet the following criteria:  • Diagnosis of bladder pain or discomfort associated with interstitial cystitis	Initial Approval: 6 months  Renewal Approval: 6 months  Requires: Improvement in symptoms Pelvic/bladder pain, or urinary frequency/urgency
<b>Egrifta</b> <sup>xxxi</sup>	<ul> <li>Diagnosis of human immunodeficiency virus (HIV)-associated lipodystrophy</li> <li>Documentation of waist circumference greater than or equal to 95 cm for males, or greater than or equal to 94 cm for females at start of therapy</li> <li>Member is currently receiving anti-retroviral therapy</li> <li>Baseline evaluation within the past 3 months of the following:         <ul> <li>Hemoglobin A1c (HbA1c)</li> <li>Insulin-like growth factor 1 (IGF-1)</li> </ul> </li> <li>Attestation Hemoglobin A1c (HbA1c) will be monitored every 3 to 4 months</li> <li>Member is at risk for medical complications due to excess abdominal fat</li> <li>Member does not have active malignancy</li> </ul>	Initial Approval: 6 months  Renewal Approval: 6 months  Requires: Documentation of a positive clinical response:  Hemoglobin A1c (HbA1c) within normal range (for the lab) Insulin-like growth factor 1 (IGF-1) within

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		<del>_</del>
	Member does not have disruption of the hypothalamic-pituitary gland axis or head trauma	normal range (for the lab)
	Women of childbearing age are not pregnant and are using appropriate contraception	Decrease in waist circumference
Emflazaxxxii	Women of childbearing age are not pregnant and are using	Decrease in waist circumference  Initial Approval: 6 months  Renewal Approval: 12 months  Requires:     Clinical benefit from therapy documented as an improvement in baseline motor milestone scores     Attestation to the following:     Not given concurrently with live vaccinations     Absence of an active infection (including Hepatitis)
	<ul> <li>Motor Function Measure (MFM)</li> <li>Hammersmith Functional Motor Scale (HFMS)</li> <li>Attestation of all the following:         <ul> <li>Emflaza will not be given concurrently with live vaccinations</li> <li>Member does not currently have an active infection (including Hepatitis B Virus (HBV))</li> </ul> </li> </ul>	B Virus (HBV)).  o If member has history of Hepatitis B Virus (HBV) infection, prescriber agrees to monitor for

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	For members with history of Hepatitis B Virus (HBV) infection,	Hepatitis B Virus
	prescriber agrees to monitor for Hepatitis B Virus (HBV) reinfection	(HBV) reinfection
Entresto xxxiii	<ul> <li>May be approved when the following criteria are met:</li> <li>Diagnosis of heart failure and member meets one of the following:         <ul> <li>18 years of age and older with chronic heart failure</li> <li>1 year or older with symptomatic heart failure and systemic left ventricular systolic dysfunction</li> </ul> </li> <li>For members 1 year or older with symptomatic heart failure and systemic left ventricular systolic dysfunction:         <ul> <li>Member has tried and failed enalapril</li> </ul> </li> <li>Member is not pregnant</li> <li>Attestation that Entresto will not be used concomitantly or within 36 hours of the last dose of an angiotensin-converting-enzyme inhibitor (ACEI), or a medication containing aliskiren (For example Tekturna or Tekturna-hydrochlorothiazide)</li> <li>Attestation member does not have:         <ul> <li>Severe hepatic impairment (Child Pugh Class C)</li> <li>History of angioedema</li> </ul> </li> </ul>	Initial Approval: One year  Renewal Approval: One year  Requires:  Response to treatment Claims history review to verify use in conjunction with other heart failure therapies (For example beta blockers, aldosterone antagonist, and combination therapy with hydralazine and isosorbide dinitrate) for members 18 or older with heart failure Member is not pregnant  Quantity Level Limit: 24/26mg: 6 tablets per day (pediatric members only) Other strengths: 2 tablets per day
<b>Epidiolex</b> ***iv	May be authorized when the following criteria are met:	Initial Approval:

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- Member is at least 1 years of age
- Prescribed by, or in consultation with a neurologist
- Medication will be taken as adjunctive therapy to at least one other antiepileptic drug
- Attestation that serum transaminases and total bilirubin levels have been obtained prior to initiation and will be taken periodically as appropriate (per Food and Drug Administration (FDA) approved labeling)
- Dose must be appropriate for member's liver function and should not exceed 20mg/kg/day

### • For Lennox-Gastaut syndrome:

- Documentation member has tried and failed or has intolerance or contraindication to Onfi<sup>®</sup> (clobazam) and two of the following:
  - Valproic acid, topiramate, lamotrigine, and/orfelbamate

#### • For Dravet syndrome:

- Documentation member has tried and failed or has intolerance or contraindication to Onfi<sup>®</sup> (clobazam), valproic acid, and one of the following:
  - Topiramate, levetiracetam, zonisamide, lamotrigine, or felbamate

#### For seizures associated with tuberous sclerosis complex:

 Documentation member has tried and failed or has intolerance or contraindication any two antiepileptic agents

\*Note zonisamide and lamotrigine are not generally recommended in Dravet Syndrome treatment but will be recognized as previous therapy trials should they have been previously used.

#### 6 months

### Renewal Approval:

1 year

#### Requires:

- Member has had decrease in seizure frequency from baseline
- Serum transaminase level has not been greater than 3 times the upper limit of normal (ULN) while accompanied by bilirubin greater than 2 times the ULN
- Serum transaminase level has not been sustained at greater than 5 times the upper limit of normal (ULN)

#### **Quantity Level Limit:**

- <u>Lennox-Gastaut</u>
   <u>Syndrome and Dravet</u>
   <u>Syndrome:</u>
   20 mg/kg/day
- <u>Tuberous Sclerosis</u> Complex:

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		25 mg/kg/day
		<u>All requests require</u>
		<b>current weight</b> to confirm
		correct dose not being
		exceeded
Erythromycin	May be authorized when one of the following criteria is met:	Initial Approval:
Ethylsuccinate	Member has diagnosis of gastroparesis characterized by delayed	Gastroparesis:
Suspension XXXV	gastric emptying	o 4 weeks
	<ul> <li>There is no presence of mechanical obstruction</li> </ul>	Bacterial infections:
	o There was Inadequate response, intolerable side effect, or	<ul> <li>Requested duration</li> </ul>
	contraindication to metoclopramide	of therapy
	Member has bacterial infection other than gastroparesis	
	There was inadequate response, intolerable side effect, or	Renewal Approval:
	contraindication to both azithromycin and clarithromycin	4 weeks
	, , ,	_
		Requires:
		Continued
		improvement in
		symptoms from
		baseline
		<ul> <li>Member tolerates oral</li> </ul>
		feeding
Erythropoiesis	Preferred Agents:	Initial Approval:
Stimulating Agents	Epogen and Procrit are the preferred Erythropoiesis Stimulating	Perioperative:
(ESAs)xxxvi	Agents	Up to 21 days of therapy
	Non-Preferred Agents <u>:</u>	per surgery
	Requests for Aranesp, Retacrit and Mircera require trial and failure	• All other indications:
<b>Preferred Agents:</b>	of Epogen and Procrit.	3 months
Epogen Procrit	Documentation is required for both initial and renewal requests	
Procrit	General Authorization Guidelines for All Indications:	Renewal Approval:

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### Non-Preferred Agents:

Retacrit Aranesp Mircera

- Member does not have uncontrolled hypertension
- Member has adequate iron stores to support erythropoiesis demonstrated by one of the following:
  - Serum ferritin greater than or equal to 100 ng/mL, and transferrin saturation (iron saturation) greater than or equal to 20%
  - o Reticulocyte hemoglobin content (CHr) greater than 29 pg

### Additional Criteria Based on Indication:

#### **Anemia due to Chronic Kidney Disease**

• Hemoglobin less than 10 g/dL within the last 2 weeks

### Anemia due to Cancer Chemotherapy (*Procrit, Epogen, Retacrit, and Aranesp only*)

- Prescribed by, or in consultation with, an oncologist or hematologist
- Anemia is because of concomitant myelosuppressive chemotherapy
- Diagnosis of non-myeloid malignancy (for example, solid tumor) and expected outcome is not cure
- There is a minimum of two additional months of planned chemotherapy
- Hemoglobin less than 10 g/dL within the last 2 weeks

### Anemia in Members with Human Immunodeficiency Virus receiving zidovudine (*Procrit, Epogen, Retacrit*)

- Zidovudine dose less than or equal to 4200 mg/week
- Endogenous erythropoietin levels ≤ 500 IU/L
- Hemoglobin < 10 g/dL within the last 2 weeks</li>

### Reducing transfusions in members undergoing elective, non-cardiac, nonvascular surgery (*Procrit, Epogen, Retacrit*)

 Hemoglobin greater than 10 g/dL, and less than or equal to 13 g/dL within 30 days prior to planned surgery date 3 months

#### Requires:

- Follow up iron studies showing member has adequate iron to support erythropoiesis Anemia due to Chronic Kidney Disease:
  - Adults: Hemoglobin less than 11 g/dL for those on dialysis, or less than 10g/dL for those not on dialysis within the last 2 weeks
  - Pediatrics:
     Hemoglobin less
     than 12 g/dL in the
     last 2 weeks
- Anemia due to cancer chemotherapy, or member with Human Immunodeficiency Virus:
  - Hemoglobin less than 11 g/dL within the last 2 weeks
- Anemia due to Myelodysplastic Syndrome:

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	Member is at high risk for perioperative blood loss	<ul> <li>Hemoglobin less</li> </ul>
		than 12 g/dL in the
	Member is unable or unwilling to donate autologous blood	_
	preoperatively	last 2 weeks
	Anemia associated with Myelodysplastic Syndrome (Procrit,	
	Epogen, Retacrit, Aranesp)	
	• Prescribed by, or in consultation with, an oncologist or hematologist	
	<ul> <li>Recent endogenous erythropoietin level less than or equal to 500 IU/L</li> </ul>	
	Hemoglobin less than 10 g/dL within the last 2 weeks	
	Anemia in member receiving Hepatitis C treatment (Procrit, Epogen,	
	Retacrit)	
	Member is receiving combination therapy with ribavirin and	
	interferon alpha	
	•	
F	Hemoglobin less than 12 g/dL within the last 2 weeks	Lucat American
Eucrisaxxxvii	May be authorized when all of the following criteria is met:	Initial Approval:
	Member is at least 3 months of age	4 weeks
	Diagnosis of mild to moderate atopic dermatitis with baseline	_
	evaluation of condition:	Renewals:
	<ul> <li>Using Patient-Oriented Eczema Measure (POEM), with a score</li> </ul>	3 months
	greater than or equal to 3; OR	Requires:
	<ul> <li>Investigator's Global Assessment (IGA) with a score greater</li> </ul>	Response to medication
	than or equal to 2	•
	<ul> <li>Prescribed by, or in consultation with, a dermatologist, allergist or immunologist</li> </ul>	therapy (for example, reduction in lesions),
	<ul> <li>For members 3 months to less than 2 years of age there has been</li> </ul>	Patient-Oriented
		Eczema Measure
	an inadequate response or intolerable side effects to all the	(POEM) of 0 to 2 (clear
	following:	or almost clear), or
	Attestation that non-drug therapies have been attempted to	Investigator's Global
1	manage condition (maintaining skin hydration, avoiding	] 5

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	<ul> <li>irritants, minimizing triggers, and appropriate lubrication of the skin)</li> <li>Two preferred topical corticosteroids of any potency (such as hydrocortisone, triamcinolone, fluticasone); for sensitive areas, such as the face, one preferred low potency topical corticosteroid</li> <li>For members 2 years of age and above there has been an inadequate response or intolerable side effects to all the following:         <ul> <li>Two preferred medium potency topical corticosteroids (such as hydrocortisone, triamcinolone, mometasone, betamethasone, fluticasone); for sensitive areas, such as the face, one preferred low potency topical corticosteroid</li> <li>Tacrolimus</li> <li>One oral systemic therapy such as methotrexate (MTX), cyclosporine, azathioprine or mycophenolate</li> </ul> </li> </ul>	or 1 (clear or almost clear)  Quantity Level Limit: 60 gm tube per month 100 gm tube per month
Evrysdi <sup>xxxviii</sup>	<ul> <li>May be authorized when documentation is presented to meet all the following criteria:</li> <li>Treatment is for Spinal Muscular Atrophy in member that is 2 months to 25 years of age</li> <li>Evrysdi is prescribed by, or is in consultation with a neurologist</li> <li>Diagnosis of Spinal Muscular Atrophy is confirmed by genetic testing indicating presence of chromosome 5q homozygous gene mutation, homozygous gene deletion, or compound heterozygous mutation</li> <li>Type I, Type II, or Type III Spinal Muscular Atrophy is confirmed to have at least 2 copies of the Survival Motor Neuron-2 (SMN2) gene</li> <li>Member is not maintained on either of the following: <ul> <li>Invasive ventilation or tracheostomy</li> </ul> </li> </ul>	Initial Approval: 6 months  Renewal Approval: 12 months  Requires: Response to therapy as demonstrated by medical records of one of the following:  Maintained, or improved motor milestone score, using the same

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- Use of non-invasive ventilation beyond naps and nighttime sleep
- Member does not have impaired hepatic function
- Females of reproductive potential require a negative pregnancy test prior to start of treatment and use contraception during treatment
- For members with previous treatment history with Zolgensma, there
  was worsening clinical status as shown in one of the motor
  milestone score exams used:
  - o Hammersmith Infant Neurologic Exam Part 2 (HINE-2):
    - Decline of at least 2 points on kicking and 1 point on any other milestone (excluding voluntary grasp)
  - o Hammersmith Functional Motor Scale Expanded (HFMSE):
    - Decline of at least 3 points
  - Children's Hospital of Philadelphia Infant Test of Neuromuscular Disorders (CHOP INTEND):
    - Decline of at least 4 points

### Additional Criteria for Infantile Onset SMA or SMA Type I:

- Baseline motor milestone score from Bayley Scales of Infant and Toddler Development-Third Edition (BSID-III), Item 22 and one of the following tests:
  - Hammersmith Infant Neurological Examination Section 2 (HINE-2)
  - Baseline Children's Hospital of Philadelphia Infant Test of Neuromuscular Disorders (CHOP-INTEND)

### Additional Criteria for Later Onset SMA, or SMA Type II or Type III:

- Baseline motor milestone score from Motor Function Measure 32 (MFM32) and one of the following tests:
  - o Revised Upper Limb Module (RULM)
  - o Hammersmith Functional Motor Scale Expanded (HFMSE)
  - o 6-Minute Walk Test (6MWT)

- exam as performed at baseline (refer to specific exam below)
- Achieved, and maintained any new motor milestones, when otherwise would be unexpected to do so, using the same exam as performed at baseline
- Females of reproductive potential continue to use contraception during treatment

### Additionally, after 12 months of treatment:

 Infantile Onset SMA or SMA Type I: Bayley Scales of Infant and Toddler Development-3rd Edition (BSID-III)



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- Pediatric members below the age of 2 months, as safety and effectiveness have not been established
- Medication is not concurrently prescribed with Spinraza or Zolgensma

gross motor scale Item 22

- Ability to sit without support for at least 5 seconds
- SMA Type II or Type III:
   Motor Function
   Measure 32 (MFM32)
   had a 3-point or greater
   change from baseline in
   total score
- Member is not maintained on either of the following:
  - Invasive ventilation or tracheostomy
  - Use of non-invasive ventilation beyond naps and nighttime sleep
- Females of reproductive potential continue to use contraception during treatment

Additional Requirements per Exam Performed:

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### **Hammersmith Infant** Neurologic Exam Part 2 (HINE-2) • One of the following: o Improvement, or maintenance of previous improvement, of at least a 2-point increase in ability to kick o Improvement, or maintenance of previous improvement, of at least a 1-point increase, in any other milestone (for example, head control, rolling, sitting, crawling), excluding voluntary grasp **Hammersmith Functional Motor Scale Expanded**

(HFMSE)

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Improvement, or maintenance of previous improvement, of at least a 3-point increase in score from baseline **Revised Upper Limb** Module (RULM) • Improvement, or maintenance of previous improvement, of at least a 2-point increase in score from baseline Children's Hospital of Philadelphia Infant Test of **Neuromuscular Disorders** (CHOP INTEND) • Improvement, or maintenance of previous improvement, of at least a 4-point increase in score from baseline

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Exondysxxxix	<ul> <li>May be authorized when documentation is presented to meet all the following criteria:</li> <li>Genetic testing to confirm member diagnosis of Duchenne Muscular Dystrophy and to identify the specific type of DMD gene mutation</li> <li>Prescribed by or in consultation with a physician who specializes in treatment of Duchenne Muscular Dystrophy</li> <li>Lab results showing a DMD gene mutation is amenable to exon 51 skipping</li> <li>Treatment is initiated prior to the age of 14 years</li> <li>Member is able to achieve an average distance of at least 180 meters while walking independently over 6 minutes</li> </ul>	6-Minute Walk Test (6MWT)  • Maintained, or improved score from baseline  Initial Approval: 6 months  Renewal Approval: 12 months  Requires:  • Documentation of response to therapy as evidenced by remaining ambulatory  • For example, member is able to walk with or without assistance, and is not wheelchair dependent
Gonadotropin Releasing Hormone (GnRH) Analogs <sup>xl</sup>	Requests for non-preferred agent requires trial and failure with preferred agent per FDA labeled indication, (exception for gender dysphoria/gender incongruence)	Initial Approval: Endometriosis 6 months
<b>Orilissa</b> Leuprolide acetate	<ul> <li>Endometriosis</li> <li>Prescribed by, or in consultation with a gynecologist or obstetrician</li> <li>Member is at least 18 years of age</li> <li>Meets one of the following criteria:</li> </ul>	Uterine Leiomyoma (fibroids) 3 months

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Lupaneta Pack
Lupron Depot
Lupron Depot-PED
Eligard
Fensolvi
Trelstar
Triptodur
Vantas
Synarel
Supprelin LA

Zoladex

- Trial and failure of at least one formulary hormonal cycle control agent (for example, Portia, Ocella, Previfem), or medroxyprogesterone, in combination with a non-steroidal anti-inflammatory drug (NSAID)
- o Member has severe disease or recurrent symptoms

### **Uterine Leiomyoma (fibroids)**

- Prescribed by, or in consultation with a gynecologist or obstetrician
- Member is at least 18 years of age
- Prescribed to improve anemia and/or reduce uterine size prior to planned surgical intervention
- Trial and failure of iron to correct anemia

### **Endometrial Thinning for Dysfunctional Uterine Bleeding**

- Prescribed by, or in consultation with gynecologist or obstetrician
- Member is at least 18 years of age
- Prescribed to thin endometrium prior to planned endometrial ablation or hysterectomy within the next 4-8 weeks

### **Central Precocious Puberty**

- Prescribed by, or in consultation with endocrinologist
- Magnetic Resonance Imaging (MRI) or Computed Tomography (CT)
   Scan has been performed to rule out brain lesions or tumors
- Onset of secondary sexual characteristics earlier than 8 years in females, and 9 years in males
- Response to a Gonadotropin Releasing Hormone (GnRH) stimulation test (or if not available, other labs to support Central Precocious Puberty (CPP), such as luteinizing hormone level, estradiol and testosterone level)
- Bone age advanced 1 year beyond chronological age

### Dysfunctional uterine bleeding

2 months

### Central Precocious Puberty

Supprelin LA: 12 months All others: 6 months

#### Cancer

2 years

### **Gender Dysphoria**

6 months

### Renewal Approval: Central Precocious

### **Puberty**

6 months - 1 year (up to age 11 for females, and age 12 for males)

### Requires:

 Documentation of clinical response to treatment (for example, pubertal slowing or decline, height velocity, bone age, estradiol, and testosterone level)

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<sup>\*\*</sup>Note: requests for the treatment of dyspareunia without endometriosis is not a covered benefit



Documentation of baseline height and weight

#### **Advanced Prostate Cancer**

- Prescribed by, or in consultation with oncologist or urologist
- Member is at least 18 years of age

#### **Advanced Breast Cancer**

- Prescribed by, or in consultation with an oncologist
- Member is at least 18 years of age and premenopausal at time of diagnosis

#### **Advanced Ovarian Cancer**

- Prescribed by, or in consultation with an oncologist
- Member meets one of the following:
  - o Cannot tolerate or does not respond to cytotoxic regimens
  - The drug requested is being used for post-operative management
- Member is at least 18 years of age

#### Salivary Gland Cancer

- Prescribed by, or in consultation with an oncologist
- Member has androgen receptor positive recurrent disease, with distant metastases
- A performance status (PS) score of 0 3 by Eastern Cooperative Oncology Group (ECOG) standards

### Gender Dysphoria/Gender Incongruence in adolescents

- Prescribed by a Pediatric Endocrinologist that has collaborated care with a Mental Health Provider
- Member shows a persistent, well-documented diagnosis of gender non-conformity or dysphoria that worsened with puberty
- Exhibits signs of puberty with a minimum Tanner stage 2

## Endometriosis (Lupron Depot/Lupaneta only): 6 months

### Requires

- Treatment is for recurrence after initial course of therapy
- Total duration of treatment for both initial and recurrent symptoms will not be longer than 12 months
- Add-back therapy (norethindrone) will be used concurrently

### Uterine Leiomyoma (fibroids) or Dysfunctional Uterine Bleeding

• Long-term use is not recommended

### **Gender Dysphoria**

12 months

### Requires:

 Lab results to support response to treatment (for example, folliclestimulating hormone (FSH), luteinizing

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	<ul> <li>Member has made a fully informed decision and has given consent, and parent/guardian consents to treatment, or member has been emancipated</li> <li>The member's comorbid conditions are reasonably controlled</li> <li>Member has been educated on any contraindications and side effects to therapy</li> <li>Member has been informed of fertility preservation options prior to treatment</li> </ul>	hormone (LH), weight, height, tanner stage, bone age)
	<ul> <li>Gender Dysphoria/Gender Incongruence in Adults</li> <li>Member is 18 years of age or older</li> <li>Prescribed by an Endocrinologist that has collaborated care with a Mental Health Provider</li> </ul>	
	<ul> <li>Member shows a persistent, well-documented diagnosis of gender dysphoria/incongruence</li> <li>The member has the capacity to make a fully informed decision and consents to treatment</li> </ul>	
	<ul> <li>Mental health concerns, if present, are reasonably well controlled</li> <li>Member has been informed of fertility preservation options prior to treatment</li> </ul>	
Growth Hormone	Growth Hormone Guideline 9.13.2021.d	
<b>Hemophilia</b> <sup>xli</sup>	Factor replacement is authorized when prescribed by a Hematology	Initial Approval:
Factor VIIa Factor VIII Factor IX	<ul> <li>Specialist, and the following criteria are met:</li> <li>Approve 14 days for the following:         <ul> <li>Hemophilia A or B, or Von Willebrand disease with current serious, or life-threatening bleeds</li> </ul> </li> </ul>	3 months  Renewal Approval: 1 year
Novoseven		Factors VIII and IX:

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Feiba Obizur Hemlibra For example, central nervous system bleed, ocular bleed, bleeding into hip, intra-abdominal bleed, bleeding into neck or throat, iliopsoas bleed, significant bleed from trauma

### Hemophilia A - Inherited Factor VIII Deficiency:

- Attestation of one of the following:
  - o Less than 1% of normal Factor VIII (less than 0.01 IU/mL)
  - Documentation showing history of one or more episodes of spontaneous bleeding into joints (for example, routine bleeding prophylaxis, hemorrhage, perioperative bleeding)
    - Advate, Adynovate, Afstyla, Alphanate, Eloctate, Esperoct, Helixate FS, Hemofil M, Humate P, Jivi, Koate, Koate DVI, Kogenate FS, Kovaltry, Monoclate-P Novoeight, Nuwiq, Recombinate, Xyntha

### Hemophilia B - Inherited Factor IX Deficiency

- Attestation of one of the following:
  - o Less than 1% normal Factor IX (less than 0.01 IU/mL)
  - Documentation showing history of one or more episodes of spontaneous bleeding into joints
    - For example, routine bleeding prophylaxis, hemorrhage, perioperative bleeding
      - Alphanine, Alprolix, Benefix, Idelvion, Ixinity, Mononine, Profilnine, Rixubis, Rebinyn

### Von Willebrand Disease:

- Attestation of laboratory confirmed diagnosis
- History of bleed
  - For example, prolonged wound bleed, post-surgical or dental bleed, nosebleeds, menorrhagia, excessive bruising, or family history of bleeding or bleeding disorder
    - Vonvendi: Adults 18 years of age or older
    - Alphanate, Humate P, Wilate

 Attestation member has been screened for inhibitors since last approval.

#### If Inhibitoris Present:

- There is a treatment plan to address inhibitors as appropriate.
  - For example, changing product, monitoring if transient inhibitor or low responder, or if greater than 5 Bethesda units, increase dose and/or frequency for Immune Tolerance Induction, change to bypassing agent, and/or, addition of immunomodulator

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### Novo-Seven RT - Recombinant Activated Factor VII Concentrate (Factor VIIa)

- Attestation of one of the following Food and Drug Administration approved indications:
  - o Acquired hemophilia
  - o Hemophilia A or B with Inhibitors
  - Glanzmann's thrombasthenia, when refractory to platelet transfusions, with or without antibodies to platelets
  - Congenital Factor VII deficiency
- Treatment of hemorrhagic complications, or prevention of bleeds, in surgical, or invasive procedures

### Feiba - Activated Prothrombin Complex Concentrate

- Hemophilia A or Hemophilia B with inhibitors
- Treatment of hemorrhagic complications, or prevention of bleeds, in surgical, or invasive procedures, or routine prophylaxis

#### <u>Obizur</u>

- Acquired Hemophilia A in adults for treatment of bleeding episodes
- Attestation baseline anti-porcine Factor VIII inhibitor titer is not greater than 20 Bethesda Units
- Will not be used for treatment of congenital hemophilia A or von Willebrand disease

#### Hemlibra

- For prophylaxis of Hemophilia A with or without inhibitors must meet one of the following:
  - Member has severe disease with documentation showing less than 1% of normal Factor VIII (less than 0.01 IU/mL)
  - Member has mild or moderate disease with documentation showing greater than or equal to 1% of normal Factor VIII (greater than or equal to 0.01 IU/mL)
    - Documentation showing at least two episodes of bleeding into the joints

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	<ul> <li>Hemlibra will not be used for treatment of acute bleeds</li> <li>Provider confirms that member will discontinue any use of factor VIII products as prophylactic therapy while on Hemlibra         <ul> <li>on-demand usage may be continued</li> </ul> </li> <li>A cumulative amount of greater than 100 U/kg/24 hours of activated prothrombin complex concentrate has not been administered for 24 hours or more</li> <li>Note: Examples of activated prothrombin complex concentrate include Feiba, Novoseven RT</li> </ul>	
Hepatitis C	Hepatitis-C-GL-Fina I_INTERNAL_8.18.20.	
Hereditary Angioedema	Hereditary Angioedema Guidelin	
HP Acthar <sup>xlii</sup>	Submission of medical records and clinical/chart notes is required	Initial Approval: One month
	May be authorized when the following criteria is met:	
	Diagnosis of Infantile Spasm (West syndrome)	Renewal Approval:
	Member is less than two years of age	Treatment beyond 4 weeks
	Prescribed by or in consultation with neurologist	for same episode is not
	Confirmation of diagnosis by electroencephalogram (EEG)	recommended, and not
	Documentation of current body surface area (BSA)	medically necessary, as
	NOTE: All other indications have not been supported by manufacturer	prolonged use may lead to adrenal insufficiency or
	clinical trials and are considered experimental and investigational, and	recurrent symptoms, which
	hence not medically necessary and will not be covered	make it difficult to stop
	The state of the s	treatment
Hetlioz×liii	Authorization criteria:	Initial Approval:

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	<ul> <li>Prescribed by, or in consultation with a sleep specialist (board- certified by the American Board of Sleep Medicine)</li> </ul>	6 months
	<ul> <li>Diagnosis of non-24 sleep-wake disorder in members 18 years of age and older</li> <li>Requires at least 14 days of documentation of progressively</li> </ul>	Renewal Approval: 1 year
	shifting sleep-wake times with sleep diaries (may submit actigraphy if available) (submit documentation)  Member is completely blind with no light perception  No other concomitant sleep disorder (for example, sleep apnea,	Requires: Attestation that circadian rhythms are entrained to normal 24-hour cycle
	<ul> <li>insomnia)</li> <li>Member did not achieve increases in nighttime sleep or decreases in daytime sleep that resulted in a change of entrainment status after a 3 month continuous trial of melatonin or has a documented intolerance or contraindication to the use of melatonin therapy (recommended dose for non-24-hour sleep wake disorder is melatonin 5-10 mg once daily)</li> <li>Diagnosis of Nighttime sleep disturbances in Smith-Magenis Syndrome (SMS) in members 3 years of age and older</li> <li>No other concomitant sleep disorder, for example, sleep apnea, insomnia</li> </ul>	Quantity Level Limit: Capsules: 30 capsules every 30 days Liquid: Less than or equal to 28 kg: 0.7 mg/kg
Human	Non-Preferred Human Immunodeficiency Virus (HIV) Medications	Approval Duration:
Immunodeficiency	will pay at the point of sale without requiring a prior authorization	One Year
Virus(HIV)	when all the following are met:	
<b>Medications</b> <sup>xliv</sup>	Member has a prior claims or prior authorization history of  modications for human immunodoficionavy in a (HIV)	
Non-Preferred Agents	<ul> <li>medications for human immunodeficiency virus (HIV)</li> <li>Member has a previous diagnosis of human immunodeficiency virus (HIV)</li> </ul>	
Cimduo	Non-Preferred Human Immunodeficiency Virus (HIV) Medications,	
Combivir	and Non-Preferred Human Immunodeficiency Virus (HIV)	
Efavirenz/Lamivudin		

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e/Tenofovir	Medications for Pre- and Post-Exposure Prophylaxis may be	
disoproxilfumarate	authorized when the following criteria are met:	
Epivir	Medication is being used for the treatment of Human     Management of Hum	
Epzicom	Immunodeficiency Virus (HIV), Pre-exposure Prophylaxis (PrEP), or Post-exposure Prophylaxis (PEP)	
Evotaz	Member has had an inadequate response, intolerable side effects,	
Fuzeon	or contraindication to a preferred regimen for the diagnosis	
Juluca		
Kaletra		
Pifeltro		
Prezcobix		
Retrovir		
Rukobia		
Selzentry		
Stribild		
Temixys		
Trizivir		
Tybost		
Viramune XR		
Ziagen		
Imatinib <sup>xlv</sup> (Gleevec)	<ul> <li>General Criteria:</li> <li>Prescribed by or in consultation with an oncologist</li> <li>Member is 18 years of age or older</li> <li>Exceptions: pediatric members with newly diagnosed</li> <li>Philadelphia Chromosome Positive Acute Lymphoblastic</li> </ul>	Initial Approval: 1 year  Renewal Approval: 1 year

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Leukemia (Ph+ALL), who will receive imatinib in combination with chemotherapy, newly diagnosed Philadelphia chromosome-positive (Ph+) chronic myeloid leukemia (CML), or Desmoid Tumors

### In addition, Imatinib can be authorized for members who meet one of the following criteria:

- Adult and pediatric members with newly diagnosed chronic myeloid leukemia (CML)
- Pediatric members with newly diagnosed Philadelphia
   Chromosome Positive (Ph+) Acute Lymphoblastic Leukemia (ALL) in combination with chemotherapy
- Relapsed or refractory Philadelphia Chromosome Positive (Ph+)
   Acute Lymphoblastic Leukemia (ALL)
- Myelodysplastic/Myeloproliferative diseases (MDS/MPD)
   associated with platelet-derived growth factor receptor (PDGFR)
   gene rearrangements, as determined by an Food and Drug
   Administration (FDA) approved test
- Aggressive systemic mastocytosis (ASM) with one of the following:
  - Food and Drug Administration (FDA) approved test showing member is without D816V c-Kit mutation
  - o Member's c-Kit mutational status is unknown
- Hypereosinophilic syndrome (HES) and/or chronic eosinophilic leukemia (CEL)
- Unresectable, recurrent, or metastatic Dermatofibrosarcoma protuberans (DFSP) in adults
- Kit-positive (CD117) unresectable and/or metastatic positive gastrointestinal stromal tumors (GIST)
- Adjuvant treatment after complete gross resection of Kit-positive (CD117) gastrointestinal stromal tumors (GIST)
- Bone cancer: Chordoma

### Requires:

- Member does not show evidence of progressive disease while on therapy
- Member does not have unacceptable toxicity from therapy

#### **Quantity Level Limit:**

100mg: 90 tablets per 30 days

400mg: 60 tablets per 30 days

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	<ul> <li>Pigmented Villonodular Synovitis / Tenosynovial Giant Cell Tumor (PVNS/TGCT)</li> <li>Steroid-Refractory Chronic Graft-Versus-Host Disease (GVHD)</li> <li>Metastatic or Unresectable Melanoma as second-line therapy for tumors with activating mutations of c-Kit</li> <li>Adults and adolescents 12 and older for aggressive fibromatosis (desmoid tumor) that is unresectable or not susceptible to radiotherapy</li> <li>Post-transplant relapse for chronic myeloid leukemia (CML) if member has not failed imatinib prior to transplant</li> <li>AIDS-Related Kaposi Sarcoma as subsequent systemic therapy for relapsed/refractory disease</li> </ul>	
Immune Globulin	Immune-Globulin-P A-Guideline_Final.di	
Intravaginal	Crinone 8% Gel is Approved when ALL the following criteria are	Initial Approval:
Progesterone	met:	Approve as requested until
Products <sup>×lvi</sup>	<ul> <li>Prescribed by, or in consultation with, a provider of obstetrical care</li> <li>Member is not on Makena (17-hydroxyprogesterone)</li> </ul>	35 weeks gestation
Crinone	Member is pregnant with singleton gestation and meets either of	Begin progesterone use no earlier than 16 weeks, 0
	the following:	days and no laterthan 23
	<ul> <li>History of spontaneous preterm birth (delivery of an infant less than 34 weeks gestation)</li> </ul>	weeks, 6 days
	<ul> <li>Cervical length less than 25 mm before 24 weeks of gestation</li> </ul>	Crinone 4% and 8%:
		For the treatment of
	Crinone is approved for the treatment of secondary amenorrhea	amenorrhea: up to a
	when ALL the following criteria are met:	total of 6 doses
	Prescribed by, or in consultation with a provider of obstetrical care	Requests for additional
	Member has had an inadequate response, or intolerable side effects	quantities will require
	to, progesterone capsules	review

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	Cripana 00/ Cal can be approved for use when 40/ stall bas basis	<del></del>
	Crinone 8% Gel can be approved for use when 4% gel has been tried and failed	Progesterone products will not be covered for uses related to infertility
Injectable Osteoporosis	Injectable-Osteoporo sis Medications_Final.	
Inlyta	General Criteria:	Initial Approval:
(axitinib) <sup>xlvii</sup>	<ul> <li>Prescribed by or in consultation with an oncologist</li> <li>Member is 18 years of age or older</li> </ul>	1 year
	In addition, Inlyta may be authorized when one of the following criteria is met:	Renewal Approval: 3 years
	<ul> <li>Advanced renal cell carcinoma meets one of the following:         <ul> <li>Member has renal cell carcinoma with clear cell histology</li> <li>Member has renal cell carcinoma with non-clear cell histology</li> <li>AND</li> </ul> </li> <li>There was a trial and failure with Sutent (sutinib), Cometriq (cabozantinib), or Afinitor (everolimus)</li> </ul>	Requires: Member has been on Inlyta and does not show evidence of progressive disease while on therapy
	<ul> <li>Differentiated thyroid carcinoma (papillary, follicular, and Hürthle cell) meets all the following:         <ul> <li>Unresectable recurrent, persistent locoregional, or distant metastatic disease</li> <li>Progressive and/or symptomatic iodine-refractory disease</li> <li>Nexavar (sorafenib) and Lenvima (lenvatinib) are not available or are not clinically appropriate</li> </ul> </li> </ul>	Quantity Level Limit: 20mg/day
Interferonsxlviii	Chronic Hepatitis B	Initial Approval:
	(Intron A, Pegasys)	Hepatitis B
α-Interferon	Prescribed by, or in consultation with, an Infectious Disease	Intron A
Alferon N	physician, Gastroenterologist, Hepatologist, or Transplant	Adults: 16 weeks
Intron A	physician	Children: 24 weeks

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Pegasys	Diagnosis of Chronic Hepatitis B	Pegasys
	Current lab results to support one of the following:	• 48 weeks
	o Documentation of Alanine Aminotransferase (ALT) greater than	Osteopetrosis
γ-Interferon	or equal to 2 times the Upper Limit of Normal (ULN)	12 months
Actimmune	<ul> <li>Significant histologic disease and documentation of elevated</li> </ul>	Chronic Granulomatous
	Hepatitis B Virus Deoxyribonucleic Acid (DNA) level above	Disease
	2,000 IU/mL (Hepatitis Be-antigen (HBe-Ag negative)) or	12 months
	above 20,000 IU/mL (HBe-Ag positive)	Hairy-cell Leukemia
	Compensated Liver disease	6 months
	Age restriction for Pegasys	Kaposi's sarcoma
	o Pediatrics: 3 years of age or older, non-cirrhotic and Hepatitis B	16 weeks
	e-antigen (HBe-Ag) positive	Follicular Non-Hodgkin's
	<ul> <li>Adults: 18 years of age or older</li> </ul>	Lymphoma (Stage III/IV)
	Age restriction for Intron A:	6 months
	o 1 year of age or older	Condylomata Acuminate
	Follicular Non-Hodgkin's Lymphoma (Stage III/IV)	Intron A - 3 weeks
	(Intron A, Pegasys)	Alferon N - 8 weeks
	Member is 18 years of age or older	
	Prescribed by, or in consultation with Hematologist/Oncologist	Renewal Approval:
	Given in conjunction with anthracycline-containing combination	Hepatitis B
	chemotherapy	Intron A
	Acquired Immune Deficiency Syndrome (AIDS)-related Kaposi's	<ul> <li>Additional 16 weeks if</li> </ul>
	sarcoma	still Hepatitis B e-
	(Intron A [powderfor solution ONLY])	antigen (HBe-Ag)-
	Member is 18 years of age or older	positive
	Prescribed by, or in consultation with Infectious Disease physician,	<ul> <li>Indefinite for Hepatitis I</li> </ul>
	or Human Immunodeficiency Virus specialist	e-antigen (HBe-Ag)-
	Hairy-cell Leukemia	negative
	(Intron A, Pegasys)	Chronic Granulomatous
	Member is 18 years of age or older	Disease
	Prescribed by, or in consultation with Hematologist/Oncologist	• 12 months, if no

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	<ul> <li>Member meets one of the following:         <ul> <li>Demonstrated less than a complete response to cladribine or pentostatin</li> <li>Relapsed after less than 2 years of demonstrating a complete response to cladribine or pentostatin</li> </ul> </li> <li>Chronic Granulomatous Disease         <ul> <li>(Actimmune)</li> <li>Member is one year of age or older</li> <li>Prescribed by, or in consultation with Immunologist, or Infectious Disease specialist</li> </ul> </li> <li>Malignant Osteopetrosis         <ul> <li>(Actimmune)</li> <li>For treatment of severe, malignant Osteopetrosis</li> <li>Prescribed by, or in consultation with Hematologist, or Endocrinologist</li> </ul> </li> <li>Condylomata acuminata – genital or venereal warts         <ul> <li>(Intron A, Alferon N)</li> <li>Member is 18 years of age or older</li> <li>For intra-lesional use</li> <li>Lesions are small and limited in number</li> <li>Trial and failure of topical treatments or surgical technique (for example, imiquimod cream, podofilox, cryotherapy, laser surgery, electrodessication, surgical excision)</li> </ul> </li> </ul>	evidence of disease progression  Osteopetrosis  12 months, if no evidence of disease progression  Condylomata acuminate Intron A  3 weeks Treatment is administered at week 12 to week 16  Alferon N  8 weeks There is at least 3 months between treatments unless lesions grow, or new lesions appear  All other indications  12 months  For Hairy-Cell Leukemia it is not recommended to continue if disease has progressed
Insulin Pens <sup>xlix</sup>	General criteria for all members:	Approval Duration:
ADMELOG ADMELOG SOLOSTAR	<ul> <li>Diagnosis of Type I or Type II Diabetes Mellitus</li> <li>Documentation to support inadequate response, intolerable side effects, or contraindication to two formulary insulins within the same class (for example, rapid, regular, or basal)</li> </ul>	1 year

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Toujeo Solostar and Toujeo Max Solostar only:	
Documentation to support inadequate (three month) response,	
· · · · · · · · · · · · · · · · · · ·	
o For hypoglycemia: consistent evidence of hypoglycemia such	
OR	
Documentation to support required units of basalinsulin exceeds 100 units/day	
Requests for non-preferred agents require trial and failure of	Initial Approval:
preferred agent, where indicated	6 months
May be authorized as add-on maintenance for the treatment of severe eosinophilic asthma when the following criteria are met:  • Member is at least:  • 6 years of age (Nucala)	Renewal for Severe Eosinophilic Asthma: 1 year
	Documentation to support inadequate (three month) response, intolerable side effects, or contraindication to formulary basal insulin pens     For hypoglycemia: consistent evidence of hypoglycemia such as a Self-Monitoring Blood Glucose reading must be provided OR     Documentation to support required units of basal insulin exceeds 100 units/day  Requests for non-preferred agents require trial and failure of preferred agent, where indicated  May be authorized as add-on maintenance for the treatment of severe eosinophilic asthma when the following criteria are met:     Member is at least:

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Nucala Auto Injector

Nucala Prefilled Syringe

Fasenra Prefilled Syringe

Fasenra Auto Injector Pen

### Non-Preferred Agent:

Cinqair

- o 12 years old (Fasenra)
- 18 years old (Cinqair)
- Prescribed by, or after consultation with a pulmonologist or allergist/immunologist
- Lab results to support one of the following blood eosinophil counts:
  - Greater than or equal to 150 cells/mcL within 6 weeks of dosing (Nucala, Fasenra)
  - Greater than or equal to 300 cells/mcL at any time in the past 12 months (Nucala, Fasenra)
  - o Greater than or equal to 400 cells/mcL at baseline (Cingair)
- Member has been compliant with one of the following regimens for at least 3 months:
  - Medium or high dose inhaled corticosteroids (ICS) plus a longacting beta agonist (LABA)
  - Other controller medications (for example, Leukotriene receptor antagonists (LTRA), or theophylline) if intolerant to a long-acting beta agonist (LABA)
- Asthma symptoms are poorly controlled on one of the above regimens as defined by any of the following:
  - At least two exacerbations in the last 12 months requiring additional medical treatment (systemic corticosteroids, one or more emergency department visits, or hospitalization in the previous 12 months)
  - Daily use of rescue medications (short-acting inhaled beta-2 agonists)
  - o Nighttime symptoms occurring more than once a week
- Members with history of exacerbations must have an adequate 2month compliant trial of tiotropium (requires prior authorization)
- Member will not use agent concomitantly with other biologics indicated for asthma

#### Requires:

- Demonstration of clinical improvement
  - o For example, decreased use of rescue medications, or systemic corticosteroids, reduction in number of emergency department visits, or hospitalizations
- Compliance with asthma controller medications

### Dosing for Severe Eosinophilic Asthma:

Nucala: 100mg every 4 weeks

<u>Cinqair</u>: 3mg/kg every 4 weeks

<u>Fasenra</u>: 30mg every 4 weeks for first 3 doses, then once every 8 weeks

Renewal for Eosinophilic
Granulomatosis with
Polyangiitis (EGPA):

1 year

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 Member will not receive in combination with Xolair or another Interleukin-5 (IL-5) inhibitor

### Criteria for Eosinophilic Granulomatosis with Polyangiitis (EGPA) – (Nucala Only):

- Member is at least 18 years old
- Prescribed by, or after consultation with a pulmonologist or allergist/immunologist
- Diagnosis is for at least 6 months, with history of relapsing or refractory disease
- Member has been on stable dose of oral prednisolone or prednisone greater than or equal to 7.5 mg/day but less than or equal to 50 mg/day for at least 4 weeks.
- Member meets all the following:
  - History or presence of asthma and blood eosinophil level of 10% or an absolute eosinophil count greater than 1000 cells/mm<sup>3</sup>
  - Presence of two or more criteria that are typical of eosinophilic granulomatosis with polyangiitis (for example, but not limited to histopathological evidence of eosinophilic vasculitis, perivascular eosinophilic infiltration, or eosinophil-rich granulomatous inflammation; neuropathy; pulmonary infiltrates; sinonasal abnormality; cardiomyopathy; etc.)
- Member has a Five Factor Score (FFS) of less than 2.
- Member had a trial and failure, or contraindication to cyclophosphamide.

#### Treatment of Hypereosinophilic Syndrome (HES) - Nucala Only:

- Prescribed by, or after consultation with pulmonologist or allergist/immunologist
- Member is 12 years of age or older
- Documentation of all the following:
  - Diagnosis of Hypereosinophilic Syndrome for at least six months, with no identifiable non-hematologic secondary cause

#### Requires:

- Member response to treatment
- Tapering of oral corticosteroid dose

## Dosing for Eosinophilic Granulomatosis with Polyangiitis (EGPA):

Nucala: 300mg every 4 weeks as 3 separate 100mg injections

#### Renewal Approval for Hypereosinophilic Syndrome (HES):

#### Requires:

- Documentation of response to treatment with improvement in clinical signs and symptoms
- Tapering or elimination of hypereosinophilic syndrome therapy dose
  - For example, oral corticosteroid, interferon alpha, or hydroxyurea

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(for example HIV infection) and HES is not FIP1L1-PDGFR $\alpha$  kinase-positive

- Eosinophil counts are 1,000/mm³ or higher with at least 2
   hypereosinophilic syndrome related flares within the past 12
   months
  - For example, worsening of symptoms or blood eosinophil counts requiring escalation in therapy
- Member is stable on hypereosinophilic syndrome therapy for 4 weeks prior to start of treatment
  - For example, oral steroids, interferon alpha, or hydroxyurea
- Prescribed by, or after consultation with pulmonologist or allergist/immunologist
- Member is 12 years of age or older
- Member is not HIV positive or has other known immunodeficiency

### Maintenance Treatment of Chronic Rhinosinusitis with Nasal Polyps (CRSwNP) – Nucala Only:

- Member is 18 years of age or older
- Documented diagnosis of chronic rhinosinusitis with nasal polyps
- Nucala will be used as add-on therapy to intranasal corticosteroids
- Prescribed by, or in consultation with an ear, nose, and throat (ENT) specialist or an allergist
- Symptoms have persisted for at least 12 weeks and two out of four hallmark signs and symptoms are present:
  - o Mucopurulent drainage
  - Nasalobstruction
  - o Decreased sense of smell
  - o Facial pain, pressure, and/or fullness
- Attestation prescriber has confirmed mucosal inflammation is present

 Lowering of blood eosinophil count

#### Dosing for Hypereosinophilic Syndrome (HES):

Nucala:

300mg every 4 weeks as 3 separate 100mg injections

## Chronic Rhinosinusitis with Nasal Polyps (CRSwNP):

- Response to therapy (for example, by a decrease in the bilateral endoscopic nasal polyps score or nasal congestion/obstruction score from baseline)
- Continued use of Nucala as add-on therapy to intranasal corticosteroids

Dosing for Chronic Rhinosinusitis with Nasal Polyps (CRSwNP):

Nucala:

100mg every 4 weeks

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	<ul> <li>Member's condition has been inadequately controlled by systemic corticosteroids and/or sinus surgery following intranasal corticosteroids</li> <li>Member will not use Nucala concomitantly with other biologics indicated for nasal polyps         <ul> <li>For example, Dupixent or Xolair</li> </ul> </li> <li>**Note: Not covered for treatment of other eosinophilic conditions or relief of acute bronchospasm or status asthmaticus**</li> </ul>	
Janus Associated	General Authorization Guideline for All Indications:	Initial Approval:
Kinase Inhibitors <sup>li</sup>	Prescribed by, or in consultation with hematologist/oncologist	6 months
Inrebic	Member has been screened for tuberculosis     If screening was positive for latent tuberculosis, member has received treatment for latent tuberculosis prior to initiating therapy	Renewal Approval: 1 year
	There is no evidence showing member has a serious current active	Requires:
	infection	For Myelofibrosis:
	<ul> <li>Additional Criteria Based on Indication:</li> <li>Myelofibrosis:         <ul> <li>Member is at least 18 years of age</li> </ul> </li> <li>Baseline platelet count is at least 50 X 10<sup>9</sup>/L</li> <li>Diagnosis is primary myelofibrosis, post-polycythemia vera myelofibrosis, or post-essential thrombocythemia myelofibrosis</li> </ul>	<ul> <li>Spleen size reduction of greater than or equal to 35 percent OR</li> <li>Symptom improvement (greater than or equal to 50 percent reduction in total symptom score</li> </ul>
	<ul> <li>Intermediate or high-risk disease is defined as having two or more of the following risk factors:         <ul> <li>Age greater than 65 years</li> <li>Constitutional symptoms (weight loss greater than 10 percent from baseline and/or unexplained fever, or excessive sweats persisting for more than 1 month)</li> <li>Hemoglobin less than 10g/dL</li> </ul> </li> </ul>	from baseline) OR  • Absence of disease progression  • Documentation that liver function tests, and thiamine levels are being monitored

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	<ul> <li>White Blood Cell count greater than or equal to 25 x 10°/L</li> <li>Peripheral Blood blasts greater than 1 percent</li> <li>Platelet count less than 100 X 10°/L</li> <li>Red Cell Transfusion</li> <li>Unfavorable karyotype [for example, complex karyotype, or sole, or two abnormalities that include trisomy 8, 7/7q-, i(17q), inv (3), 5/5q-, 12p- or 11q23 rearrangement]</li> <li>Documentation showing no signs of severe hepatic impairment (baseline total bilirubin level greater than 3-times the upper limit of normal)</li> <li>Documentation of serum thiamine levels taken at baseline and periodically during therapy to avoid Wernicke's encephalopathy</li> </ul>	periodically during therapy
	NOTE: Inrebic is only indicated for Myelofibrosis	
Juxtapid <sup>⊞</sup>	Medical Records Required with Requests	Initial Approval:
	May be authorized when all the following criteria are met:	3 months
	Member is 18 years of age or older	Renewal Approval:
	Prescribed by, or in consultation with Cardiologist,	6 months
	<ul> <li>Endocrinologist, or Lipid Specialist</li> <li>Females of reproductive potential have a negative pregnancy test prior to starting treatment</li> <li>Used as an adjunct to a low-fat diet and exercise</li> <li>Diagnosis of homozygous familial hypercholesterolemia (HoFH) as evidenced by one of the following:         <ul> <li>Genetic confirmation of 2 mutant alleles at the Low-Density Lipoprotein Receptor (LDLR), Apolipoprotein B100 (APO-B100), or Proprotein Convertase Subtilisin/Kexin Type 9 (PCSK9)</li> <li>History of untreated Low-Density Lipoprotein (LDL) greater than 500 mg/dL, or treated Low-Density Lipoprotein (LDL) greater than 300 mg/dL on maximum dosed statin and evidence of one of the following:</li> </ul> </li> </ul>	Requires:  • Member is continuing a low-fat diet and exercise regimen  • Current lipid Panel within the past 90 days showing Low-Density Lipoprotein (LDL) reduction from baseline  • Claims history to support compliance or adherence to Juxtapid

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	<ul> <li>Presence of cutaneous xanthoma before the age of 10 years</li> <li>Heterozygous familial hypercholesterolemia (HeFH) in both parents</li> <li>Current lipid panel/Low-Density Lipoprotein (LDL) from past 90 days</li> <li>Member had a failure or contraindication to a 90-day trial of a Proprotein Convertase Subtilisin/Kexin Type 9 (PCSK9) Inhibitor (for example, Repatha or Praluent)</li> <li>Attestation to the following:         <ul> <li>Member does not have significant hepatic impairment (Child-Pugh B or C)</li> <li>Will be used in conjunction with other lipid lowering therapies such as statins, ezetimibe, bile acid sequestrants, or Low-Density Lipoprotein (LDL) apheresis</li> </ul> </li> </ul>	and adjunctive lipid lowering therapies  Prescriber attestation of monitoring liver related tests, and dosing adjusted according to prescribing information  Females of reproductive potential are currently using contraception  Quantity Level Limits: Juxtapid: 1 tablet per day
Korlym <sup>liii</sup>	<ul> <li>Member is 18 years of age or older</li> <li>Documentation (submit chart notes) that diagnosis is of endogenous Cushing syndrome with all the following:         <ul> <li>Uncontrolled hyperglycemia due to glucose intolerance or type 2 diabetes mellitus</li> <li>Member failed surgery or is not a candidate for surgery</li> <li>There was failure to achieve adequate glycemic control despite individualized diabetic management</li> </ul> </li> <li>Prescribed by or in consultation with endocrinologist</li> <li>Baseline labs for hemoglobin A1c (HbA1c)</li> <li>Prescriber attestation to all the following:         <ul> <li>Female members of childbearing potential are not pregnant</li> <li>Female members do not have history of unexplained vaginal bleeding, endometrial hyperplasia with atypia, or endometrial carcinoma</li> </ul> </li> </ul>	Initial Approval: 6 months  Renewal Approval: 12 months  Requires: Documentation of improved glycemic control as evidenced by Hemoglobin A1c (HbA1c) labs lower than baseline Female members of childbearing potential

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	<ul> <li>Member does not require concurrent long-term corticosteroid use for serious medical conditions or illnesses (for example immunosuppression after organ transplant)</li> <li>Other accepted and approved indications for mifepristone are not sovered using the Kerlym product</li> </ul>	are currently using non- hormonal contraception  Quantity Level Limit:  Maximum dose 1200 mg
V myotovovo liv	covered using the Korlym product	per day
Krystexxa <sup>liv</sup>	<ul> <li>May be approved when all the following criteria are met:</li> <li>Treatment is for diagnosis of chronic gout refractory to conventional therapy</li> </ul>	Initial Approval: 12 months
	<ul> <li>Age is 18 years or older</li> <li>Member experienced one of the following in the previous 18 months:</li> </ul>	Renewal Approval: 12 months
	<ul> <li>Three gout flares inadequately controlled by colchicine or Non-Steroidal Anti-inflammatory Drugs (NSAIDs)</li> <li>One gout tophus or gouty arthritis</li> <li>Member has been screened and does not have Glucose-6-phosphate dehydrogenase (G6PD) Deficiency</li> </ul>	Requires: Member had 2 consecutive uric acid levels that were not above 6 mg/dL since starting treatment
	<ul> <li>Attestation of provider monitoring during and after infusion for possible anaphylaxis, and infusion related reactions</li> <li>Documented 3 months trial and failure, or intolerance with the following at maximum medically appropriate doses, or member has contraindication to the agents:         <ul> <li>Allopurinol or febuxostat</li> </ul> </li> </ul>	<u>Dosing:</u> 8mg given as IV infusion every two weeks
	<ul> <li>Probenecid (alone or in combination with allopurinol or febuxostat)</li> <li>Medication will not be used concomitantly with oral urate-lowering</li> </ul>	
	<ul> <li>therapies</li> <li>Note: Krystexxa is not covered for treatment of asymptomatic hyperuricemia</li> </ul>	

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Lidocaine Topical	May be authorized for diagnosis of post herpetic neuralgia when the	Initial Approval:
Patch	following criteria is met:	3 months
Lidocaine 5% Patch <sup>™</sup>	<ul> <li>Member is 18 years of age or older</li> <li>Documentation or Pharmacy claims history supporting trial and failure with topical lidocaine 4% patch</li> <li>Documentation or Pharmacy claims history supporting trial and failure, or intolerance, to two oral formulary alternatives</li> <li>For example, gabapentin, tricyclic antidepressants</li> </ul>	Renewal Approval: 12 months  Quantity Level Limit: 90 patches per 30 days
	<ul> <li>May be authorized for diagnosis of diabetic peripheral neuropathy when the following criteria are met:         <ul> <li>Member is 18 years of age or older</li> </ul> </li> <li>Documentation of Pharmacy claims history supporting trial and failure with topical lidocaine 4% patch</li> </ul> <li>Documentation or Pharmacy claims history supporting trial and failure, or intolerance to two oral formulary alternatives         <ul> <li>For example, duloxetine, venlafaxine, gabapentin, tricyclic antidepressants</li> </ul> </li> <li>Documentation or Pharmacy claims history supporting therapy with a diabetic medication</li>	
Linezolid (Zyvox)	See detailed document:  https://www.aetnabetterhealth.com/illinois- medicaid/providers/pharmacy-guidelines	
Makena Injection	Makena is the preferred formulary agent	Initial Approval:
Makena Auto- Injector <sup>Ivi</sup>	Requests for non-preferred agent requires trial and failure with Makena	Until 37 weeks gestation Injections start no earlier
Hydroxyprogesteron e caproate injection	<ul> <li>May be approved when all the following criteria are met:</li> <li>Member is currently pregnant with singleton gestation</li> <li>Prescribed by, or in consultation with provider of obstetrical care</li> <li>Member has history of spontaneous preterm singleton delivery</li> </ul>	than 16 weeks 0 days and no later than 23 weeks 6 days

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Monoamine Depletors <sup>lvii</sup>	For example, delivery of infant less than 37 weeks gestation  Medical Records required for all Indications  Tardive Dyskinesia (Ingrezza, Austedo)	Subcutaneous Administration: Auto-Injector 275mg weekly Intramuscular Administration: Injection 250mg weekly Initial Approval: 3 months
Ingrezza Austedo Tetrabenazine	<ul> <li>Member is 18 years of age or older</li> <li>Diagnosis of moderate to severe tardive dyskinesia</li> <li>Prescribed by, or in consultation with a neurologist or psychiatrist</li> <li>Abnormal Involuntary Movement Scale (AIMS) score greater than or equal to 6</li> <li>Provider has attempted an alternative method to manage condition         <ul> <li>For example, dose reduction, discontinuation of offending medication, or switching to alterative agent such as atypical antipsychotic</li> <li>Documentation of atypical antipsychotic used</li> <li>Time frame of stability on the atypical antipsychotic</li> </ul> </li> <li>Additional Criteria for Austedo:         <ul> <li>Member does not have any of the following:</li></ul></li></ul>	Renewal Approval: 6 months  Tardive Dyskinesia Requires:  Documentation of improvement in AIMS score (decrease from baseline by at least 2 points).  Provider is monitoring for all the following:  Emergent or worsening depression  Suicidal thoughts and behaviors  EKG, for members at risk for QT prolongation

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	<ul> <li>Active Suicidal thoughts and behaviors</li> <li>Untreated or undertreated depression</li> <li>Congenital long QT syndrome, or arrhythmias associated with a prolonged QT interval</li> <li>Huntington's Chorea (Austedo, Tetrabenazine)</li> <li>Member is 18 years of age or older.</li> <li>Diagnosis is confirmed by neurologist consult and genetic testing</li> <li>Unified Huntington's Disease Rating Scale (UHDRS), total maximal chorea score of 8 or greater</li> <li>Member had inadequate response, or intolerable side effects to amantadine</li> <li>Member does not have any of the following:         <ul> <li>Hepatic dysfunction</li> <li>Active suicidal thoughts or behaviors</li> <li>Untreated or undertreated depression</li> <li>Congenital long QT syndrome, or arrhythmias associated with a prolonged QT interval</li> </ul> </li> </ul>	dysfunction (for Austedo only)  Huntington's Chorea Requires:  Documentation of improvement in Total Maximal Chorea score (3 points or greater) from baseline  Provider is monitoring all the following:  Emergent or worsening depression  Suicidal thoughts and behaviors  EKG, for members at risk for QT prolongation  Hepatic dysfunction  Quantity Level Limits:
		<ul><li>Ingrezza 30/30</li><li>Austedo 120/30</li><li>Tetrabenazine 120/30</li></ul>
Mulpleta <sup>lviii</sup>	<ul> <li>Mulpleta may be authorized when all the following criteria are met:</li> <li>Member has diagnosis of thrombocytopenia with chronic liver disease and is scheduled to undergo an invasive procedure.</li> <li>Member is 18 years of age or older</li> </ul>	Approval: 30 days  Quantity Level Limits:

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	Madigation is prescribed by ar in appositation with a	7 to bloto
	Medication is prescribed by or in consultation with a	7 tablets
	gastroenterologist or hepatologist	
	Documented trial and failure, intolerance, or contraindication to     Doptelet	
	Documentation member has a baseline platelet count of less than     50 x 10 <sup>9</sup> /L within 14 days of the request	
	Provider attestation a platelet count will also be obtained no more than 2 days prior to the procedure	
	<ul> <li>Documentation member is scheduled to undergo their procedure 2</li> <li>8 days after the final dose</li> </ul>	
	Member is not undergoing laparotomy, thoracotomy, open-heart surgery, craniotomy, or organ resection	
	Member does not have a history of splenectomy, partial splenic embolization, or thrombosis, Child-Pugh class C liver disease, absence of hepatoportal blood flow, or a prothrombotic condition other than chronic liver disease	
	Medication will not be used in combination with other thrombopoietin receptor agonists (for example, Doptelet, Promacta, Nplate) or Tavalisse	
	NOTE: indications not in this guideline are not covered benefits and will	
	not be approved.	
Multaq <sup>lix</sup>	May be authorized when the following criteria are met:	Initial Approval:
	Member is 18 years of age or older	3 months
	Diagnosis of paroxysmal or persistent atrial fibrillation and	
	<ul> <li>Member is currently in normal sinus rhythm, or</li> </ul>	Renewal Approval:
	o Member plans to undergo cardioversion to normal sinus rhythm	6 months
	<ul> <li>Prescribed by, or in consultation with a cardiologist</li> <li>Attestation member does not have any contraindications as</li> </ul>	Requires:
	outlined per the prescribing information including, but not limited to the following:	

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	<ul> <li>Symptomatic heart failure with recent decompensation requiring hospitalization</li> <li>New York Heart Association (NYHA) Class IV chronic heart failure</li> <li>Member had inadequate response, intolerable side effect, or contraindication to one of the following formulary alternatives:         <ul> <li>amiodarone</li> <li>propafenone</li> <li>flecainide</li> <li>sotalol</li> </ul> </li> </ul>	<ul> <li>Attestation that member has positive response to treatment</li> <li>Monitoring of electrocardiogram (ECG) every 3 months to make sure atrial fibrillation (AF) has not become permanent</li> </ul>
		Quantity Level Limits: 60/30 days
Multiple Sclerosis	Multiple Sclerosis Guideline 9.13.2021.d	
Oncology -	Requests for antineoplastic agents will be reviewed based on the	Initial Approval:
Antineoplastic	following criteria:	3 months
Agents	<ul> <li>Member is under the care of an Oncologist or Hematologist</li> <li>Medication is prescribed for an Food and Drug Administration (FDA)-approved indication OR for a "medically accepted indication" as noted in the following Compendia:         <ul> <li>National Comprehensive Cancer Network (NCCN) Drugs and Biologic Compendium or National Comprehensive Cancer Network (NCCN) Clinical Practice Guidelines, category 1, 2a, or 2b.</li> <li>Micromedex DrugDex</li> <li>Clinical Pharmacology</li> </ul> </li> <li>The dose prescribed is within the Food and Drug Administration (FDA)-approved range for the indication and patient specific factors</li> </ul>	Renewal Approval:  1 year  Requires: Attestation of clinically significant improvement or stabilization of disease state

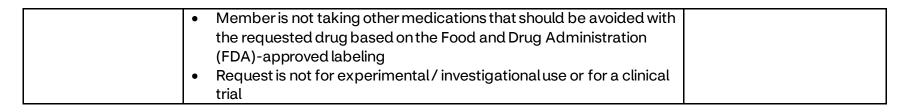
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(for example., age, weight or Body Surface Area (BSA), renal function, liver function, drug interactions, etc)

- Requests for non-preferred or non-formulary antineoplastics must meet one of the following:
  - Trials of formulary preferred agents (when available based on Food and Drug Administration (FDA) indication and National Comprehensive Cancer Network (NCCN) Clinical Practice Guidelines) for an adequate duration were not effective or were poorly tolerated
  - All other formulary preferred alternatives (when available based on Food and Drug Administration (FDA) indication and National Comprehensive Cancer Network (NCCN) Clinical Practice Guidelines) are <u>contraindicated</u> based on the member's other medical conditions or drug interactions
  - There are no formulary preferred medications for the patient's indication
  - Member has a genetic mutation that is resistant to the formulary preferred agents
  - All other formulary preferred agents are not alternatives supported by National Comprehensive Cancer Network (NCCN) Clinical Practice Guidelines for the indication
- Medical records, lab results, test results, and clinical markers supporting the diagnosis and treatment are submitted with the request
  - If a test with adequate ability to confirm a disease mutation exists, documentation that the test was performed to confirm the mutation
  - Documentation has been provided of the results of required genetic testing where required per the drug package insert)
- Member does not have any contraindications to the medication







Ν	exavar
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(sorafenib) lx

#### **General Criteria:**

- Prescribed by or in consultation with an oncologist
- Member is 18 years of age or older

### In addition, Nexavar may be authorized when one of the following criteria are met:

- Advanced renal cell carcinoma with clear cell histology:
  - Trial of a preferred first-line Tyrosine Kinase Inhibitor (such as Sutent (sunitinib), Votrient (pazopanib))
    - Note: Sorafenib is no longer recommended for Non-Clear Cell Renal Cell Carcinoma
- Hepatocellular carcinoma
  - Disease is metastatic or member is otherwise not eligible for transplant
- Treatment of differentiated thyroid carcinoma (for example, papillary, follicular, and Hürthle cell), that is refractory to radioactive iodine treatment
- Metastatic medullary thyroid carcinoma that is persistent or recurrent:
  - Member has symptomatic or progressive disease
  - Trial of Caprelsa (vandetanib) or Cometriq (cabozantinib)
- Bone Cancer
  - Recurrent Chordoma
    - Trial of Gleevec (imatinib), Sutent (sunitinib), or Sprycel (dasatinib)
  - Osteosarcoma, dedifferentiated chondrosarcoma, or highgrade Undifferentiated Pleomorphic Sarcoma
    - Member has relapsed/refractory or metastatic disease
    - Trial of a first-line regimen containing cisplatin and doxorubicin
- Angiosarcoma

#### **Initial Approval:**

1 year

#### Renewal Approval:

3 years

#### Requires

- Member does not show evidence of progressive disease while on therapy
- Member does not have unacceptable toxicity from therapy

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	<ul> <li>Advanced or unresectable desmoid tumors (aggressive fibromatosis)</li> <li>Gastrointestinal stromal tumor (GIST)         <ul> <li>Disease progression occurred while on Gleevec (imatinib), Sutent (sunitinib), or Stivarga (regorafenib)</li> </ul> </li> <li>Solitary fibrous tumor/hemangiopericytoma</li> <li>Relapsed or refractory acute myeloid leukemia (AML)         <ul> <li>Nexavar will be used in combination with Vidaza (azacitidine) or Dacogen (decitabine)</li> </ul> </li> </ul>	
	Member is FLT3-ITD mutation positive	
Ondansetron Oral Solution Ixi	Ondansetron Oral Solution will pay at the point of sale (without requiring prior authorization) when the following criteria is met:  • Member is 3 years of age or younger	Initial Approval: One year
	Prescriptions that do not pay at the point of sale require prior authorization and may be authorized for members who meet one of	Renewals: One year
	<ul> <li>the following:</li> <li>Member is 3 years of age or younger</li> <li>Trial of ondansetron tablet or ondansetron orally disintegrating tablet</li> </ul>	
Onychomycosis <sup>lxii</sup>	May be authorized when all the following criteria is met:	Initial and Renewal
Jublia Kerydin	<ul> <li>Member is 6 years of age or older</li> <li>Diagnosis of onychomycosis of toenail is due to one of the following organisms:         <ul> <li>Trichophyton rubrum</li> </ul> </li> </ul>	Approvals: 48 weeks  Quantity Level Limit:
	<ul> <li>Trichophyton mentagrophytes</li> <li>Attest to confirmation of onychomycosis of toenail with one of the following tests:         <ul> <li>Positive potassium hydroxide preparation test</li> <li>Positive fungal culture</li> <li>Nail biopsy</li> </ul> </li> </ul>	<ul> <li>Jublia - 8mL per month</li> <li>Kerydin - 10mL per month</li> </ul>

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Opioids	Member had trial and failure, or contraindication, with two formulary antifungal agents (for example, itraconazole, oral terbinafine, or ciclopirox)      Treatment is not requested for cosmetic use and is due to one of the following medical conditions:	
Overactive Bladder (OAB) Ixiii  Enablex Myrbetriq Toviaz Tolterodine IR/ER Trospium IR/ER	<ul> <li>Non-Formulary Agents may be authorized when the following criteria are met:</li> <li>Member has diagnosis of overactive bladder (OAB) due to urgency, frequency, incontinence, etc.</li> <li>Age is 18 years or older</li> <li>All other agents require a trial and failure with the amount of formulary alternatives required by the plan</li> <li>Alternatives: oxybutynin ER/IR, solifenacin</li> </ul>	Initial Approval: 1 year  Renewal Approval: 1 year  Requires: Response to treatment  Quantity Level Limits: • Enablex - 1 tablet/day • Myrbetriq - 1 tablet/day • Toviaz - 1 tablet/day • Trospium - 1 tablet/day
Sickle Cell Disease	<u>Endari</u>	Initial approval:
Agentslxiv	May be authorized when all the following criteria are met:	Endari – 12 months
	Diagnosis is for Sickle Cell Disease	Oxbryta-6 months

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Endari	Request is to reduce the acute complications experienced from	
Oxbryta	Sickle Cell Disease	Renewal Approval:
	Member is 5 years of age or older	12 months
	<ul> <li>There was a previous trial and failure, intolerance, or a contraindication to hydroxyurea</li> <li>Endari will be used concurrently with hydroxyurea</li> <li>All other indications are considered experimental/investigational and not medically necessary</li> <li>Oxbryta</li> <li>May be authorized with documentation of all the following:         <ul> <li>Diagnosis of sickle cell disease</li> </ul> </li> <li>Member is 12 years of age or older</li> <li>Prescribed by or in consultation with a hematologist, or other specialist with expertise in the diagnosis and management of sickle cell disease</li> </ul>	Requires: Endari  • Member experienced a reduction in acute complications of sickle cell disease (For example, reduction in number of sickle cell crises, acute chest syndrome episodes, fever, occurrences of priapism, splenic
	<ul> <li>Failure of a 3-month trial of hydroxyurea or clinical rationale as to why it cannot be used</li> <li>Baseline hemoglobin level between 5.5 and 10.5g/dL within the past 3 months</li> <li>Member has had 1 or more vaso-occlusive crises in the past 12 months</li> <li>Member is not receiving regular red-cell transfusion therapy, has not received a transfusion in the past 60 days, and has not been hospitalized for vaso-occlusive crisis within 14 days</li> <li>Adakveo will not be used concurrently</li> </ul>	sequestration)  Oxbryta  Documentation showing there has been a sustained hemoglobin increase from baseline of more than 1g/dL  Quantity Level Limits: Oxbryta – 3 tablets per day
Platelet Inhibitors lxv	May be approved when the following criteria are met:	Approve for members
	Member has a history of Myocardial Infarction, or Peripheral Artery	stabilized in hospital
Zontivity	Disease     Will be used with aspirin and/or clopidogrel	Initial Approval: 12 months

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	Member does not have any of the following:	
	<ul> <li>History of stroke (Transient Ischemic Attack)</li> <li>Intracranial hemorrhage</li> <li>Active pathological bleeding (for example, peptic ulcer)</li> </ul>	Renewal Approval: 12 months  Requires: Member is not at high risk of bleeding, or has significant overt bleeding
Lyrica CR and Pregabalin <sup>kvi</sup>	Lyrica CR is approved <i>only</i> for post-herpetic neuralgia, and diabetic peripheral neuropathy	Quantity Level Limit: Zontivity: 1 tablet per day Initial Approval: 4 months
	Requests may be authorized when member tried and failed immediate-release formulation, and criteria below have been met:  Authorization criteria for Partial Onset Seizures:  Documentation of weight for members between 1 month to 16 years of age  Authorization Criteria for Neuropathic Pain Associated with Spinal Cord Injury:  Member is 18 years of age or older	Renewal Approval: 12 months  Requires: Positive response to therapy  Quantity Level Limits: Immediate release:
	<ul> <li>Member had inadequate treatment response, intolerance, or contraindication with gabapentin</li> <li>Authorization Criteria for Post-Herpetic Neuralgia:</li> <li>Member is 18 years of age or older</li> <li>Member had inadequate treatment response, intolerance, or contraindication with gabapentin</li> <li>Authorization Criteria for Cancer Related Neuropathic Pain:</li> <li>Member is 18 years of age or older</li> </ul>	<ul> <li>3 capsules/dayfor         25mg, 50mg, 75mg,         100mg, 150mg</li> <li>2 capsules/dayfor         225mg and 300mg</li> <li>Maximum cumulative         daily dose is 600mg</li> <li>Solution:</li> </ul>

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	Member had inadequate treatment response, intolerance, or contraindication to two of the following:	<ul> <li>600mg/day</li> <li>Extended release:</li> <li>82.5mg &amp; 165mg tablets</li> <li>3/day</li> <li>330mg tablet - 2/day</li> </ul>
	<ul><li>venlafaxine</li><li>gabapentin</li></ul>	
Promacta <sup>lxvii</sup>	For all indications:  • Attestation that provider to monitor the following labs at baseline and regularly throughout therapy, per frequency outlined in package insert:  • Ocular examination • Complete blood count with differentials • Platelet count • Liver function tests	Initial Approval: 4 weeks  Dosing Restrictions by Indication: • Chronic ITP:  o 75mg/day • Hepatitis C-associated Thrombocytopenia:  o 100mg/day

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 Medication will not be used in combination with other thrombopoietin receptor agonists (for example, Doptelet, Mulpleta, Nplate) or Tavalisse

#### <u>Chronic immune thrombocytopenia (ITP) - Relapsed or Refractory:</u>

- Member is at least 1 year of age
- Medication is prescribed by or in consultation with a hematologist
- Member had insufficient response to corticosteroids, immunoglobulins, or splenectomy
- Member has tried and failed Doptelet if 18 years of age or older
- Documentation that Promacta is being used to prevent major bleeding in member with platelet count less than 30,000/mm<sup>3</sup> and NOT to achieve platelet counts in normal range (150,000-450,000/mm<sup>3</sup>)

#### **Hepatitis C-associated Thrombocytopenia:**

- Member is at least 18 years of age
- Medication is prescribed by or in consultation with a hepatologist, gastroenterologist, or infectious disease specialist
- Member has chronic hepatitis C with baseline thrombocytopenia (documentation of platelet count less than 75,000/mm³) that prevents initiation of interferon-based therapy when interferon is required

NOTE: If member is not receiving interferon-based therapy for treatment of Hepatitis C, Promacta should NOT be approved

#### **Severe Aplastic Anemia:**

- Member meets one of the following:
  - Age is at least 17 years old for treatment of refractory aplastic anemia

- Aplastic Anemia:
  - o 150mg/day

#### Renewal Approval:

- Chronic ITP (idiopathic thrombocytopenic purpura) with documented platelet increase to greater than 50,000/mm³ to less than 200,000/mm³:
  - 6 months at current dose
- Chronic ITP (idiopathic thrombocytopenic purpura) without documented platelet increase to greater than 50,000/mm<sup>3</sup>:
  - 4 additional weeks with dose increase to 75mg/day
- Hepatitis C-associated Thrombocytopenia with documented platelet increase to greater than 90,000/mm<sup>3</sup>:
  - Duration of antiviral treatment
- Hepatitis C-associated Thrombocytopenia

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- Age is at least 2 years old for first-line treatment of severe aplastic anemia in combination with standard immunosuppressive therapy
- Medication is prescribed by or in consultation with a hematologist
- Diagnosis of severe aplastic anemia is confirmed by documentation of both the following:
  - Bone marrow cellularity less than 25% (or 25 to 50% if less than 30 percent of residual cells are hematopoietic)
  - o At least two of the following:
    - Absolute Neutrophil Count (ANC) less than 500/mm<sup>3</sup>
    - Platelet count less than 20,000/mm³
    - Absolute Reticulocyte Count (ARC) less than 20,000/mm<sup>3</sup>

#### OR

- Anemia is refractory to previous first line treatment, including hematopoietic cell transplantation or immunosuppressive therapy with combination of cyclosporine A and antithymocyte globulin (ATG)
  - Documentation member has a platelet count less than 30,000/mm³

#### **Limitations of Use:**

• Promacta is not indicated for treatment of myelodysplastic syndrome and is not a covered benefit. Other indications not in this guideline will also not be approved.

without documented platelet increase to greater than 90.000/mm<sup>3</sup>:

- 4 additional weeks with dose increase of 25mg every 2 weeks up to a maximum of 100mg/day, until platelets are greater than 90,000mm³
- Aplastic anemia with documented platelet increase to greater than or equal to 50,000/mm<sup>3</sup>:
  - 6 months at current dose
- Aplastic Anemia without documented platelet increase to greater than or equal to 50.000/mm<sup>3</sup>:
  - 4 additional weeks with dose increase up to maximum of 150mg/day

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Proprotein
Convertase
Subtilisin/Kexin
Type 9 Inhibitors
(PCSK9
Inhibitors)

### **Repatha**Praluent

#### **Medical Records Required with Request**

#### **Authorization Criteria for all indications:**

- Prescribed by, or in consultation with, a Cardiologist, Endocrinologist, or Lipid Specialist
- Member had a trial and failure, or contraindication with Repatha
- Current lipid panel results within the past 90 days
- Member meets one of the following:
  - o Trial and failure of 2 high intensity statins for 90 days
    - For example, atorvastatin greater than or equal to 40 mg and rosuvastatin greater than or equal to 20 mg, at maximum tolerated doses and in combination with other lipid lowering therapies such as ezetimibe or bile acid sequestrants
  - Member had intolerance to at least 2 different statins as defined by one of the following:
    - Documentation supporting skeletal muscle related symptoms
      - For example, myopathy, myositis or abnormal biomarkers such as alanine aminotransferase / aspartate aminotransferase (ALT/AST) 3 times upper limit of normal, elevation of creatinine kinase 10 times upper limit of normal, or elevation of creatine kinase 4 times upper limit of normal with evidence of rhabdomyolysis
    - Documentation that dose reduction was attempted for resolution of symptoms and for biomarker abnormalities rather than discontinuation of statin therapy altogether
    - Documentation member has been re-challenged at lower dose or with different statin

#### **Initial Approval**:

3 months

#### Renewal Approval:

6 months

#### Requires:

- Current Lipid Panel within past 3 months
- Claims history to support compliance or adherence
- Low-Density
   Lipoprotein reduction
   from baseline

#### **Quantity Level Limit:**

#### **Praluent**

- Atherosclerotic Cardiovascular Disease
  - 2 syringes per 28 days
- Heterozygous Familial Hypercholesterolemia
  - 2 syringes per 28 days

#### **Repatha**

Atherosclerotic
 Cardiovascular
 Disease

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- Member has condition that is contraindicated for statin therapy
  - For example, chronic active liver disease, persistent elevation of serum transaminases

#### Additional Criteria based on Indication

#### Repatha or Praluent

#### **Atherosclerotic Cardiovascular Disease:**

- Member is 18 years of age or older
- There is supporting evidence of high cardiovascular disease risk
  - For example, history of acute coronary syndrome, myocardial infarction, stable or unstable angina, coronary or other revascularization (percutaneous coronary intervention/coronary artery bypass grafting), stroke, transient ischemic attack, peripheral arterial disease presumed to be of atherosclerotic origin.
- Will be used as an adjunct to diet, alone, or in combination with statin or other lipid lowering therapies such as ezetimibe or bile acid sequestrants
- Lab results to support a Low-Density Lipoproteins level greater than or equal to 70 mg/dL (treated)

#### **Repatha or Praluent**

#### Heterozygous Familial Hypercholesterolemia

- Member is 18 years of age or older
- Will be used as an adjunct to diet, alone, or in combination with statin or other lipid lowering therapies such as ezetimibe or bile acid sequestrants
- There is evidence of one of the following:
  - Low-Density Lipoprotein (LDL)-C is greater than 190 mg/dL either pretreatment or highest on treatment

- 2 syringes per 28 days
- Heterozygous Familial Hypercholesterolemia
  - 2 syringes per 28 days
  - May be increased to 3 (140mg) syringes OR 1 (420mg) syringe per 28 days if LDL is >70 after initial trial

#### Repatha

- Homozygous Familial Hypercholesterolemia
  - 3 (140mg) syringes
     OR 1 (420mg)
     syringe per 28 days

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- Physical evidence of tendon xanthomas or evidence of these signs in a 1<sup>st</sup> or 2<sup>nd</sup> degree relative Deoxyribonucleic acid (DNA) based evidence of a Low-Density Lipoprotein receptor mutation, Apolipoprotein B100 (APO-B100), or Proprotein Convertase Subtilisin/Kexin Type 9 (PCSK9) mutation
- Who/Dutch Lipid Network Criteria result with a score of greater than 8 points
- Lab results to support a current low-density lipoprotein level greater than or equal to 70 mg/dL on treatment.

#### Repatha

#### Homozygous Familial Hypercholesterolemia:

- Member is 13 years of age or older
- There is evidence of one of the following:
  - Genetic confirmation of two mutant alleles at low-density lipoprotein receptor, or Apolipoprotein B100 (APO-B100), or Proprotein Convertase Subtilisin/Kexin Type 9 (PCSK9)
  - History of untreated Low-Density Lipoprotein level over 500mg/dL, or treated Low-Density Lipoprotein level over 300mg/dL and member is on maximum dosed statin with evidence of one of the following:
    - Presence of cutaneous xanthoma before the age of 10
    - Evidence of Heterozygous Familial Hypercholesterolemia in both parents
- Low-Density Lipoprotein reduction was less than 50% on current lipid lowering therapy
  - For example, high intensity statin + ezetimibe or bile acid sequestrants



#### Duration of Therapy Limits for Proton Pump Inhibitors (PPIs)<sup>lxix</sup>

- Esomeprazole 20 mg capsule OTC (over the counter)
- Lansoprazole 15 mg capsule Rx and OTC (prescription and over the counter)
- Lansoprazole 30 mg capsule Rx (prescription)
- Omeprazole delayed release 20 mg tablet OTC (over the counter)
- Omeprazole 10 mg, 20 mg, 40 mg capsule Rx (prescription)
- Omeprazole magnesium 20.6 mg capsule OTC (over the counter)
- Pantoprazole 20 mg and 40 mg

All Proton Pump Inhibitors (PPIs) (preferred and non-preferred) are subject to a duration of therapy limit. This limit is 180 days in a rolling 365-day period.

Requests for a duration of therapy limit override for a non-preferred Proton Pump Inhibitor requires use of preferred Proton Pump Inhibitor (PPI) products.

#### A maximum duration of therapy override request for a Proton Pump Inhibitor will be authorized when one of the following criteria is met:

- Member has a documented upper gastrointestinal (GI) testing in the previous 2-year period
- Member is dependent on a feeding tube for nutritional intake
- Member resides in a long-term care facility
- Member is unable to taper off a Proton Pump Inhibitor (PPI) without return of symptoms
- Member is unable to transition to a histamine H2-receptor antagonist (H2 Blocker)
- Member uses a Proton Pump Inhibitor (PPI) alone or in combination with a histamine H2-receptor antagonist (H2 Blocker) only as needed, but this is still more than 180 days in a year

### Duration of Therapy Limit Exemptions for Proton Pump Inhibitors (PPIs)

A maximum duration of therapy override request for a Proton Pump Inhibitor will pay at point of sale (without requiring a prior authorization) and will be authorized when one of the following are met:

- Member is under 6 years of age
- Member is receiving pancreatic enzymes

Duration of override
approval, both initial and
reauthorization, to exceed
180-day duration of
therapy limit:

One year

#### **Quantity Level Limits:**

- Esomeprazole 20 mg capsule OTC (over the counter): 2/day
- Lansoprazole 15 mg capsule Rx and OTC (prescription and over the counter): 2/day
- Lansoprazole 30 mg capsule Rx (prescription): 2/day
- Omeprazole delayed release 20 mg tablet OTC (over the counter): 2/day
- Omeprazole 10 mg capsule prescription: 3/day
- Omeprazole 20 mg capsule prescription: 2/day
- Omeprazole 40 mg capsule prescription: 1/day

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tablets Rx	
(prescription)	

 Rabeprazole 20 mg tablet

- Member receives a concomitant medication that increases the risk of upper gastrointestinal (GI) bleed (for example, anticoagulants, antiplatelets, Nonsteroidal Anti-inflammatory Drugs (NSAIDs))
- Member with one of the following diagnosis codes:
  - Angiodysplasia of Stomach and Duodenum (with OR without Mention of Hemorrhage) (K31.81\*)
  - o Atrophic Gastritis with Hemorrhage (K29.41)
  - Barrett's Esophagus (K22.7\*)
  - Cerebral Palsy (G80\*)
  - o Chronic Pancreatitis (K86.0, K86.1)
  - o Congenital Tracheoesophageal Fistula (Q39.1, Q39.2)
  - Cystic Fibrosis (E84.\*)
  - Eosinophilic Esophagitis (K20.0)
  - Eosinophilic Gastritis (K52.81)
  - Gastrointestinal Hemorrhage (K92.2)
  - o Gastrointestinal Mucositis (Ulcerative) (K92.81)
  - Malignant Mast Cell Tumors (C96.2\*)
  - Multiple Endocrine Adenomas (D44.0, D44.2, D44.9)
  - Tracheoesophageal Fistula (J86.0)
  - Ulcer of Esophagus with OR without Bleeding (K22.1\*)
  - Zollinger-Ellison Syndrome (E16.4)
- \* Any number or letter or combination of UPTO FOUR numbers and letters of an assigned ICD-10-CM diagnosis code

- Omeprazole magnesium 20.6 mg capsule OTC (over the counter): 2/day
- Pantoprazole 20 mg and 40 mg tablets Rx (prescription): 1/day
- Rabeprazole 20 mg tablet: 2/day

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#### High Dose Proton Pump Inhibitors (PPIs)<sup>1xx</sup>

- Esomeprazole 20 mg capsule OTC (over the counter)
- Lansoprazole 15 mg capsule Rx and OTC (prescription and over the counter)
- Lansoprazole 30 mg capsule Rx (prescription)
- Omeprazole delayed release 20 mg tablet OTC (over the counter)
- Omeprazole 10 mg, 20 mg, 40 mg capsule Rx (prescription)
- Omeprazole magnesium 20.6 mg capsule OTC (over the counter)
- Pantoprazole 20 mg and 40 mg tablets Rx (prescription)

### High Dose Proton Pump Inhibitors (PPIs) will be authorized when the following criteria are met:

- Provider submits rationale for high dose (for example, member has unsatisfactory or partial response to once daily dosing, night-time symptoms, severe erosive esophagitis, stricture, Zollinger-Ellison)
- Requests for high dose non-preferred Proton Pump Inhibitors (PPIs) require use of a preferred Proton Pump Inhibitor (PPI) at high dose

#### **Initial Approval:**

One year

#### Renewal Approval:

One year

#### Requires:

- Response to therapy
- Rationale for continuing high dose and failure to once daily dosing after completion of high dose course

#### **Quantity Level Limits:**

- Esomeprazole 20 mg capsule OTC (over the counter): 2/day
- Lansoprazole 15 mg capsule Rx and OTC (prescription and over the counter): 2/day
- Lansoprazole 30 mg capsule Rx (prescription): 2/day
- Omeprazole delayed release 20 mg tablet OTC (over the counter): 2/day

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Rabeprazole 20 mg tablet		<ul> <li>Omeprazole 10 mg         capsule prescription:         3/day</li> <li>Omeprazole 20 mg         capsule prescription:         2/day</li> <li>Omeprazole 40 mg         capsule prescription:         1/day</li> <li>Omeprazole         magnesium 20.6 mg         capsule OTC (over the counter): 2/day</li> <li>Pantoprazole 20 mg         and 40 mg tablets Rx         (prescription): 1/day</li> <li>Rabeprazole 20 mg         tablet: 2/day</li> </ul>
Increlex <sup>lxxi</sup>	For Members that Meet the Following Criteria:	Initial Approval:
	Prescribed by or in consultation with a pediatric endocrinologist	6 months
	<ul> <li>Member is 2 years of age and not older than 19 years of age</li> <li>Documentation showing member has no evidence of the following:</li> </ul>	Renewal Approval:
	<ul> <li>Epiphyseal closure</li> <li>Active or suspected neoplasia</li> </ul>	6 months - If at least doubling of pretreatment growth
	<ul> <li>Documentation supporting one of the following diagnoses:         <ul> <li>Growth hormone (GH) gene deletion with development of neutralizing antibodies to Growth hormone (GH)</li> <li>Severe, Primary Insulin-like growth factor 1 (IGF-1) deficiency</li> <li>Height standard deviation score less than or equal to -3</li> <li>Basal Insulin-like growth factor 1 (IGF-1) standard deviation</li> </ul> </li> </ul>	velocity  • 1 year - If growth velocity is greater than or equal to 2.5 cm/yr  Requires:

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	score less than or equal to -3  Normal or elevated growth hormone levels (greater than 10ng/mL on standard growth hormone stimulation tests)  Member shows no evidence of secondary forms of Insulin-like growth factor 1 (IGF-1) deficiency, such as growth hormone deficiency, malnutrition, hypothyroidism, or chronic treatment with pharmacologic doses of corticosteroids  Increlex will not be approved as a substitute to growth hormone for growth hormone indications	<ul> <li>Documentation of growth charts</li> <li>Epiphyses are open (confirmation of open growth plates in members 10 years of age or older)</li> <li>Member has no active or suspected neoplasia</li> <li>Member is not on concurrent growth hormone therapy</li> <li>Quantity Level Limit: 0.24 mg/kg/day</li> </ul>
Nuedextalxxii	<ul> <li>May be authorized when all of the following criteria are met:</li> <li>Member is 18 years of age or older</li> <li>Medication is prescribed by, or in consultation with, a specialist (for example, a psychiatrist, psychologist, neuropsychologist, or neurologist)</li> <li>Diagnosis of pseudobulbar affect (PBA)</li> <li>Documentation that member has at least one underlying neurologic condition associated with pseudobulbar affect (PBA)</li> <li>Member has had a cognitive assessment to evaluate for the presence of pseudobulbar affect (PBA) (for example, Center for Neurologic Study-Lability Scale (CNS-LS) greater than or equal to 13 or The Pathological Laughter and Crying Scale (PLACS) greater than or equal to 13)</li> </ul>	Initial Approval: 3 months  Renewal Approval: 1 year  Requires: Decreased frequency of pseudobulbar affect (PBA) episodes  Quantity Level Limit: 2 capsules per day

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	<ul> <li>Member does not have any contraindications to therapy (for example, QT prolongation, Atrioventricular (AV) block, or monoamine oxidase inhibitor (MAOI) therapy in the previous 14 days)</li> <li>Member has tried and failed selective serotonin reuptake inhibitors (SSRIs) or tricyclic antidepressants (TCAs)</li> <li>Dose adjustments to desipramine, paroxetine, and digoxin will be made if co-administered with Nuedexta</li> </ul>	
Palforzia	<ul> <li>Palforzia may be authorized when all of the following criteria are met:</li> <li>The requested drug is being prescribed for the mitigation of allergic reactions, including anaphylaxis, in a member with a confirmed diagnosis of peanut allergy</li> <li>The diagnosis of peanut allergy has been confirmed with an IgE or skin-prick test</li> <li>The requested drug is being used in conjunction with a peanut-avoidant diet</li> <li>The requested drug is being prescribed by, or in consultation with, an allergist or immunologist</li> <li>[Note: The Initial Dose Escalation and first dose of each Up-Dosing level must only be administered in a healthcare setting equipped to monitor members, and to identify and manage anaphylaxis.]</li> <li>The member does not have uncontrolled asthma OR a history of eosinophilic esophagitis or other eosinophilic gastrointestinal disease</li> <li>The member is 4 to 17 years of age OR The request is for Up-dosing or Maintenance phase of treatment in a member 4 years of age or older</li> </ul>	Approval Duration: 12 months

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Progestin-only Intrauterine Devices (IUD) LIXXIIII  Preferred: Liletta  Non-Preferred: Kyleena Mirena Skyla	Liletta is the formulary preferred agent. Requests for non-preferred agents will be approved when ONE of the following criteria is met:  Member has tried and failed or has a documented contraindication to Liletta that is not present with the requested progestin-only intrauterine device (IUD)  Request is for Mirena and medication is being used to treat heavy menstrual bleeding	Approval Duration: 1 year  Quantity Level Limits: Lilleta – 1 intrauterine device (IUC) every 6 years Kyleena, and Mirena – 1 intrauterine device (IUD) every 5 years Skyla – 1 Intrauterine Device (IUD) every 3 years
Idiopathic Pulmonary Fibrosis	Documentation is required to support approval, when all the following criteria are met:	Initial Approval: 3 months
Agents lxxiv  Preferred Agent: Esbriet	<ul> <li>Member is 18 years of age or older</li> <li>Prescribed by, or in consultation with, a pulmonologist or rheumatologist</li> </ul>	Renewal Approval: 6 months
	Member meets one of the following:	Requires:
Non-Preferred Agent: Ofev	<ul> <li>Diagnosis of idiopathic pulmonary fibrosis (IPF) confirmed by:         <ul> <li>High resolution computed tomography (HRCT) demonstrating usual interstitial pneumonia (UIP), OR</li> <li>Surgical lung biopsy with usual interstitial pneumonia (UIP)</li> </ul> </li> <li>Diagnosis of chronic fibrosing of interstitial lung disease (ILD) (Ofev only) with:         <ul> <li>Relevant fibrosis (greater than 10% fibrotic features), AND</li> <li>Clinical signs of progression (forced vital capacity (FVC) decline greater than or equal to 10%, FVC decline greater than or equal to 5% and less than 10% with worsening</li> </ul> </li> </ul>	Documentation of all the following:  • Stable Forced Vital Capacity (FVC) (recommend discontinuing if there is greater than 10% decline in Forced Vital Capacity (FVC) over 12- month period)

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	symptoms or imaging, or worsening symptoms and worsening imaging all in the 24 months prior to screening)  Diagnosis of systemic sclerosis-associated interstitial lung disease (SSc-ILD) (Ofev only) with:  Onset of disease (first non-Raynaud symptom) of less than 7 years, AND  Greater than or equal to 10% fibrosis on a chest high resolution computed tomography (HRCT) scan conducted within the previous 12 months  Forced vital capacity (FVC) greater than or equal to 40% predicted  Carbon Monoxide Diffusion Capacity (DLCO) greater than or equal to 30%  Baseline liver function tests (LFTs) prior to initiating treatment  Member is not a current smoker  Other known causes of interstitial lung disease have been ruled out (for example, domestic and occupational environmental exposures, connective tissue disease, or drug toxicity)  Negative pregnancy test result for females of reproductive potential (Ofev only)	<ul> <li>Liver function tests         (LFTs) are being         monitored</li> <li>Member is not a current         smoker</li> <li>Compliance and         adherence to treatment</li> <li>Quantity Level Limit:         Ofev - 2 caps per day         Esbriet - 9 caps per day or         3 tabs per day</li> </ul>
Pulmonary Arterial	Authorization Guideline for All Agents:	Initial Approval:
Hypertension <sup>lxxv</sup>	<ul> <li>Prescribed by, or in consultation with pulmonologist or cardiologist</li> <li>Evidence of right heart catheterization with mean Pulmonary</li> </ul>	6 months
PREFERRED	Arterial Pressure (mPAP) greater than or equal to 25 mmHg	Renewal Approval:
AGENTS	Medical records supporting diagnosis of Pulmonary Arterial	1 year
Oral: sildenafil Revatio suspension Tracleer	Hypertension World Health Organization Group I with Functional Class II to IV symptoms  • Member meets one of the following criteria:  • Negative vasoreactivity test	Requires: Medical records and lab results to support response

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Letairis

#### Injectable:

Epoprostenol Flolan

### NON-PREFERRED AGENTS:

#### Oral:

tadalafil

Adempas

Orenitram

Revatio

Uptravi

Opsumit

#### Inhaled:

Tyvaso

Ventavis

#### Injectable:

Remodulin Revatio

Treprostinil

Veletri

- Contraindication to vasoreactivity test
  - For example, low blood pressure, low cardiac index, or presence of severe Functional Class IV symptoms
- Positive vasoreactivity test with inadequate response, or intolerance, to one calcium channel blocker:
  - For example, amlodipine, nifedipine ER, or diltiazem
- o Contraindication to use of calcium channel blockers

Note: Adempas may include World Health Organization Group IV and does not require trial of calcium channel blocker

#### **Additional Drug Specific Criteria:**

#### **Brand Revatio oral suspension**

• Documentation to support inability to swallow, and necessity of brand suspension formulation

#### tadalafil

 Documentation to support trial and failure of, or intolerance to sildenafil

#### Adempas (riociguat)

- Member meets one of the following diagnoses:
  - Diagnosis of Pulmonary Arterial Hypertension, World Health Organization Group I (as described above) and member tried and failed two preferred oral agents, one from each class:
    - Phosphodiesterase 5 Inhibitors (sildenafil)
    - Endothelin Receptor Antagonists (Tracleer, Letairis)
  - Diagnosis of Chronic Thromboembolic Pulmonary
     Hypertension, World Health Organization Group IV and one of the following:
    - Recurrent or persistent Chronic Thromboembolic Pulmonary Hypertension, after surgical treatment

to therapy; maintain or achieve a low risk profile

 For example, improvement in 6minute walk distance, functional class, or reducing time to clinical worsening

#### **Quantity Level Limit:**

Adempas:

90 tablets per 30 days

Opsumit:

30 tablets per 30 days

Orenitram: Determine by

tolerability:

90 tablets per 30 days

Sildenafil:

90 tablets per 30 days

**Brand Revatio oral** 

suspension:

180 mL per 30 days

Tadalafil:

60 tablets per 30 days

<u>Tracleer:</u>

60 tablets per 30 days

Letairis:

30 tablets per 30 days

<u>Uptravi:</u>

60 tablets per 30 days



 Inoperable Chronic Thromboembolic Pulmonary Hypertension

#### **Uptravi**, **Orenitram**

- Member does not have severe hepatic impairment (Child-Pugh class C)
- For members with World Health Organization Functional Class II and III symptoms:
  - There was a trial and failure with two preferred oral agents, one from each class:
    - Phosphodiesterase 5 Inhibitors (sildenafil)
    - Endothelin Receptor Antagonists (Tracleer, Letairis)
- For members with World Health Organization Functional Class IV symptoms:
  - There was a trial and failure with one Prostacyclin Analog such as epoprostenol

#### Tyvaso, Ventavis, Remodulin, treprostinil

- Member has World Health Organization Functional Class III-IV symptoms (for example, Tyvaso and Ventavis) or Functional Class II-IV symptoms (for example, Remodulin, treprostinil)
- For members with World Health Organization Functional Class II and III symptoms:
  - There was a trial and failure with two preferred oral agents, one from each class:
    - Phosphodiesterase Type 5 Inhibitors (sildenafil)
    - Endothelin Receptor Antagonists (Tracleer, Letairis)
- For members with World Health Organization Functional Class IV symptoms:
  - There was a trial and failure with one Prostacyclin Analog such as epoprostenol

(may be higher during titration phase)

#### Tyvaso:

54 mcg (9 breaths) per treatment session, 4 times daily

Flolan/Veletri:

56 vials per 28 days Remodulin/treprostinil:

1 vial per 30 days



#### **Coverage Limitation:**

Any contraindications to treatment including but not limited to the following:

- Pregnancy: Endothelin Receptor Antagonists and Adempas
- Concurrent use of nitrate or nitric oxide donors (for example, isosorbide mononitrate, isosorbide dinitrate, nitroglycerin): Phosphodiesterase Type 5 Inhibitors and Adempas
- Child Pugh class C hepatic impairment: Orenitram, Uptravi
- Heart Failure with severe left ventricular dysfunction: Veletri/epoprostenol
- Pulmonary veno-occlusive disease: tadalafil, sildenafil, Letairis,
   Opsumit, epoprostenol, Tracleer

#### **Coverage Exclusions:**

- Requests for Viagra (sildenafil) for Pulmonary Arterial Hypertension must be redirected to Revatio (sildenafil).
- Requests for Cialis (tadalafil) for Pulmonary Arterial Hypertension must be redirected to tadalafil.

## WHO Functional Classification of Pulmonary Hypertension (modified after New York Heart Association (NYHA) FC) Class I:

 No limitation of physical activity. Ordinary physical activity does not cause undue dyspnea or fatigue, chest pain, or near syncope.

#### Class II:

• Slight limitation of physical activity. Comfortable at rest, but ordinary physical activity causes undue dyspnea or fatigue, chest pain, or near syncope.

#### Class III:

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	<ul> <li>Marked limitation of physical activity. Comfortable at rest, but less than ordinary activity causes undue dyspnea or fatigue, chest pain, or near syncope.</li> <li>Class IV:</li> </ul>	
	<ul> <li>Inability to carry out any physical activity without symptoms.</li> <li>Dyspnea and/or fatigue may be present at rest and discomfort is increased by any physical activity.</li> </ul>	
Pyrimethamine (Daraprim) <sup>lxxvi</sup>	Documentation Requirement Includes Physician Progress Notes, and Lab Work per Below Criteria  Toxoplasmosis Encephalitis – Primary Prophylaxis  Member must meet all the following: Prescribed by, or in consultation with an Infectious Disease specialist Diagnosis of Human Immunodeficiency Virus (HIV) with cluster differentiation 4 (CD4) count less than 100 cells/microL Seropositive for anti-toxoplasma immunoglobulin G anti-bodies (IgG) Intolerance or contraindication to trimethoprimsulfamethoxazole For non-life-threatening reactions, National Acquired	Initial Approval:  Toxoplasmosis, Primary Prophylaxis
	Immuno-Deficiency Syndrome (AIDS) Guideline recommends re-challenge  O Pyrimethamine will be given in combination with leucovorin and either dapsone or atovaquone  Note: Discontinue treatment if cluster differentiation 4 (CD4) is greater than 200 cells/microL for more than 3 months, in response to antiretroviral therapy  Toxoplasmosis Encephalitis – Treatment, Human Immunodeficiency Virus (HIV) Associated	Renewal Approval:  Toxoplasmosis, Chronic Maintenance Therapy  • Approve 6 months  Toxoplasmosis, Primary Prophylaxis

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- Member must meet all the following:
  - Prescribed by, or in consultation with an Infectious Disease specialist, or Human Immunodeficiency Virus (HIV) specialist
  - Diagnosis of Human Immunodeficiency Virus (HIV) with cluster differentiation 4 (CD4) count less than 100 cells/microL
  - Seropositive for anti-toxoplasma immunoglobulin Ganti-bodies (IgG)
  - Magnetic resonance imaging (MRI), or Computed Tomography
     (CT) results, to support Central Nervous System (CNS) lesions
  - Treatment will be in combination with a sulfonamide and leucovorin

### Toxoplasmosis Encephalitis, Chronic Maintenance Therapy (Secondary Treatment / Secondary Prophylaxis)

- Member must meet all the following:
  - Prescribed by, or in consultation with an Infectious Disease specialist, or Human Immunodeficiency Virus (HIV) specialist
  - o Member has successfully completed 6 weeks of initial therapy
  - o There is documented improvement in clinical symptoms
  - Magnetic Resonance Imaging (MRI), or Computed Tomography (CT) indicates improvement in ring enhancing lesions, prior to start of maintenance therapy
  - o Antiretroviral Therapy has been initiated
  - o Treatment is in combination with a sulfonamide and leucovorin
- Note: Discontinue treatment if cluster differentiation 4 (CD4) is greater than 200 cells/microL for more than 6 months, in response to antiretroviral therapy

### Acquired and Congenital Toxoplasmosis, Treatment (Non-Human Immunodeficiency Virus (HIV) Related)

• Member must meet all the following:

- Compliance to treatment
- Lab results to support Cluster Differentiation 4 (CD4) Count
- Approve 3 months
- Note: Restart Primary Prophylaxis, if cluster differentiation 4 (CD4) count decreases to less than 100 to 200 cells/microL

#### **Quantity Level Limit:**

- Induction: 90/30
- Maintenance: 60/30

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Ranolazine (Ranexa) <sup>lxxvii</sup>	<ul> <li>Prescribed by, or in consultation with an Infectious Disease specialist</li> <li>Pyrimethamine will be used in combination with a sulfonamide and leucovorin</li> <li>For members who meet all of the following:         <ul> <li>Member is 18 years of age or older</li> </ul> </li> </ul>	Initial Approval: 1 year
	<ul> <li>Diagnosis of chronic angina</li> <li>Member had an inadequate trial and failure to one formulary agent from each of the following three drug classes:         <ul> <li>Beta blockers</li> </ul> </li> </ul>	Renewal Approval: 1 year  Quantity Level Limit:
	<ul> <li>Calcium channel blockers         <ul> <li>Long-acting nitrates</li> </ul> </li> <li>Or has a documented contraindication or intolerance to beta blockers, calcium channel blockers, AND long-acting nitrates</li> </ul>	2 tablets/day
Revlimid <sup>lxxviii</sup> (lenalidomide)	<ul> <li>General Criteria:</li> <li>Prescribed by or in consultation with an oncologist</li> <li>Member is 18 years of age or older</li> </ul>	Initial Approval: 1 year
	<ul> <li>In addition, Revlimid may be authorized when one of the following criteria is met:         <ul> <li>Multiple myeloma</li> <li>Mantle cell lymphoma, after relapse or progression with two prior therapies, one of which includes Velcade (bortezomib)</li> </ul> </li> <li>Myelodysplastic Syndrome, member meets one of the following:         <ul> <li>Symptomatic anemia associated with the 5q-deletion cytogenetic abnormality</li> <li>Symptomatic anemia without the 5q-deletion, and serum erythropoietin levels greater than 500 mU/mL or history of failure, contraindication, or intolerance to a preferred erythropoietin</li> </ul> </li> <li>Diffuse Large B-cell Lymphoma with one of the following:</li> </ul>	Requires  Member does not show evidence of progressive disease while on therapy  Member does not have unacceptable toxicity from therapy

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- o Used as maintenance therapy for ages 60 80 years
- Used as second-line therapy or as therapy for relapsed/refractory disease
- Follicular lymphoma
- Chronic Lymphocytic Leukemia/Small Lymphocytic Lymphoma with one of the following:
  - o Used for post first-line chemoimmunotherapy maintenance
  - o Used for relapsed or refractory disease
- Systemic light chain amyloidosis, in combination with dexamethasone
- Hodgkin's Lymphoma, as subsequent therapy for relapsed/refractory disease
- Adult T-cell leukemia/lymphoma, second-line, or subsequent therapy
- Peripheral T-cell lymphoma, second-line, or subsequent therapy for relapsed or refractory disease
- Marginal Zone Lymphoma, including Mucosa-Associated Lymphoid Tissue Lymphoma, nodal marginal zone lymphoma, and splenic marginal zone lymphoma
  - Disease has been previously treated and therapy will be given in combination with rituximab
- Myelofibrosis-associated anemia with serum erythropoietin levels greater than or equal to 500 mU/mL, or failure with a preferred erythropoiesis stimulating agent
- Acquired Immune Deficiency Syndrome (AIDS)-Related B-cell lymphoma, as second-line or subsequent therapy
- Castleman's Disease, as second-line or subsequent therapy for disease that has progressed following therapy for relapsed/refractory or progressive disease
- Mycosis fungoides/Sezary syndrome



Reyvowlxxix	<ul> <li>May be authorized when the following criteria is met:</li> <li>Prescribed by, or in consultation with a neurologist</li> <li>Member is 18 years of age or older</li> <li>Diagnosis of migraine with or without aura according to the International Classification of Headache Disorders (ICHD-III) diagnostic criteria</li> <li>Headache pain is moderate to severe</li> <li>Documented inadequate response or intolerable side effects with at least two triptans for at least one month each, or member has a contraindication to triptan use</li> <li>Triptans will not be used concurrently</li> </ul>	Initial Approval: 3 months  Renewal Approval: 12 months  Requires: • Response to therapy (for example decrease in pain severity; decreased symptoms of photophobia, phonophobia, or nausea)
Rybelsus	Rybelsus will be covered with prior authorization when the following criteria are met:  • Member has a diagnosis of type 2 diabetes mellitus  • Provider attests that medication will be administered as adjunct to diet and exercise  • Member meets one of the following:  • Documentation of trial and failure with formulary glucagon-like peptide-1 (GLP-1) Agonists, such as Trulicity and Victoza for at least 3 months, with a reduction in hemoglobin A1c since starting therapy  • There was inadequate response, intolerance, or contraindication to metformin	Quantity Level Limit: 4 tablets per 30 days  Approval Duration: One year  Review of claims history can document GLP-1 previous use

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	<ul> <li>Member requires combination therapy due to a hemoglobin A1c</li> </ul>	
	of 7.5 or greater	
Second/Third	Imatinib, a first-generation Tyrosine Kinase Inhibitor (TKI), is the	Initial Approval:
Generation	preferred agent for Chronic Myeloid Leukemia (CML) and Acute	1 year
Tyrosine Kinase	Lymphoblastic Leukemia (ALL) with prior authorization	
Inhibitors (TKI) for Chronic Myeloid Leukemia (CML) and Acute	Imatinib should NOT be used in patients who had treatment failure with a second or third generation Tyrosine Kinase Inhibitor (TKI)  Tasigna and Sprycel - Second generation Tyrosine Kinase Inhibitors	Renewal Approval: 3 years  Requires  Member does not show
Lymphoblastic Leukemia (ALL) <sup>lxxxi</sup>	<ul> <li>(TKIs), are formulary preferred with prior authorization</li> <li>General Criteria:</li> <li>Prescribed by or in consultation with an oncologist</li> </ul>	evidence of progressive disease while on
Second Generation: Sprycel (dasatinib) Tasigna (nilotinib) Bosulif (bosutinib)  Third Generation: Iclusig (ponatinib)	<ul> <li>Member is 18 years of age or older</li> <li>Exception for Tasigna: Diagnosis of Chronic myeloid leukemia (CML) in chronic phase for 1 year of age or older</li> <li>Exception for Sprycel: Diagnosis of Philadelphia Chromosome Positive (Ph+) Chronic myeloid leukemia (CML) in chronic phase and newly diagnosed Philadelphia Chromosome Positive (Ph+) Acute Lymphoblastic Leukemia (ALL) in those 1 year of age or older</li> <li>In addition, Tasigna or Sprycel may be authorized when one the</li> </ul>	<ul> <li>therapy</li> <li>Member does not have unacceptable toxicity from therapy</li> </ul>
	<ul> <li>following criteria is met:         <ul> <li>Newly diagnosed Chronic Myeloid Leukemia (CML) in chronic phase:</li></ul></li></ul>	

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- Chronic Myeloid Leukemia (CML) in chronic or advanced phase, or Philadelphia chromosome positive (Ph+), or BCR-AB1 positive Acute Lymphoblastic Leukemia: Intolerance, disease progression, or resistance to prior therapy of imatinib
- Follow-up treatment for Chronic Myeloid Leukemia (CML) with allogeneic hematopoietic cell transplant

### In addition, Bosulif may be authorized when ONE the following criteria is met:

- Newly diagnosed Philadelphia chromosome positive (Ph+)
   Chronic Myeloid Leukemia (CML) in chronic phase:
  - Low or intermediate risk group determined by EUTOS, Euro [Hasford], or Sokal scores, requires trial of imatinib, AND Tasigna or Sprycel
  - High risk group determined by EUTOS, Euro [Hasford], or Sokal scores, requires trial of Tasigna or Sprycel
- Chronic Myeloid Leukemia (CML) in chronic phase or in advanced phase, or Philadelphia chromosome positive (Ph+), or BCR-ABL1 positive Acute Lymphoblastic Leukemia (ALL), and intolerance, disease progression, or resistance to imatinib and Tasigna or Sprycel
- Follow-up treatment for Chronic Myeloid Leukemia after allogeneic hematopoietic cell transplant

### In addition, I clusig may be authorized when one of the following criteria is met:

- Chronic Myeloid Leukemia (CML) in chronic phase, or advanced phase, or Philadelphia chromosome positive (Ph+), or BCR-ABL1 positive Acute Lymphoblastic Leukemia (ALL) (note: not indicated in newly diagnosed chronic phase CML)
  - o T315I-positive OR
  - Disease has not responded to 2 or more Tyrosine Kinase
     Inhibitor (TKI) therapies (for example, imatinib, Tasigna, Sprycel,



	·	_
	or Bosulif), or other Tyrosine Kinase Inhibitor (TKI) therapy is not	
	indicated.	
	Follow-up treatment for Chronic Myeloid Leukemia (CML)	
	after allogeneic hematopoietic cell transplant	
Soliris	See detailed document:	
	https://www.aetnabetterhealth.com/illinois-	
	medicaid/providers/pharmacy-guidelines	
0 1 1 1		1
Somatostatin	General Authorization Criteria for ALL Indications:	Initial Approval:
Analogs <sup>lxxxii</sup>	Member is 18 year of age or older (unless prescribed for pediatric	6 months
	chemotherapy-induced diarrhea)	
Octreotide	Sandostatin Long-Acting Release (LAR) and Somatuline Depot:	Renewal Approval:
Sandostatin Long-	<ul> <li>Baseline testing for the following:</li> </ul>	Acromegaly, Cushing's,
_	<ul> <li>A1c or fasting glucose</li> </ul>	Carcinoid and VIPomas:
Acting Release (LAR)	<ul><li>Thyroid-stimulating hormone</li></ul>	One year
Signifor	<ul><li>Electrocardiography</li></ul>	All other indications:
	Signifor and Signifor Long-Acting Release:	6 months
Signifor Long-Acting	<ul> <li>Baseline testing for the following:</li> </ul>	
Release (LAR)	<ul> <li>A1c, or fasting plasma glucose</li> </ul>	<u>Requires</u> :
,	<ul><li>Electrocardiography</li></ul>	Documentation of the
Somatuline Depot	<ul><li>Potassium</li></ul>	following for all
	<ul><li>Magnesium</li></ul>	indications:
	<ul> <li>Thyroid-stimulating hormone</li> </ul>	A1c or fasting glucose
	<ul> <li>Liver function tests</li> </ul>	Electrocardiography
	<ul> <li>Attestation that gallbladder ultrasound has been</li> </ul>	Monitor for
	completed	cholelithiasis and
	Additional Criteria Based on Indication:	discontinue if
	Acromegaly (Octreotide, Sandostatin Long-Acting Release,	complications of
	Somatuline Depot, Signifor Long-Acting Release, Somavert):	cholelithiasis are
	<ul> <li>Prescribed by, or in consultation with, an endocrinologist</li> </ul>	suspected
	Member has one of the following:	

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- Persistent disease following radiotherapy and/or pituitary surgery
- Surgical resection is not an option as evidenced by one of the following:
  - a) Majority of tumor cannot be resected
  - b) Member is a poor surgical candidate based on comorbidities
  - c) Member prefers medical treatment over surgery, or refuses surgery
- Baseline insulin-like growth factor-1 (IGF-1) meets one of the following criteria:
  - Greater than or equal to 2.5 times the upper limit of normal for age
  - Remains elevated despite a 6-month trial of maximally tolerated dose of cabergoline (unless member cannot tolerate, or has contraindication to cabergoline)
- Carcinoid Tumor or Vasoactive Intestinal Polypeptide Secreting
   Tumor (VIPomas) (Octreotide, Sandostatin Long-Acting Release,
   Somatuline Depot) To reduce frequency of short-acting somatostatin analog rescue therapy:
  - Prescribed by, or in consultation with, an oncologist or endocrinologist
- <u>Cushing's Syndrome</u> (Signifor, Signifor):
  - Member has persistent disease after pituitary surgery, or surgery is not an option
  - Member had inadequate response, intolerable side effects, or contraindication to cabergoline
  - NOTE: Member does not need a trial of octreotide or Sandostatin Long-Acting Release for approval
- <u>Hepato-renal syndrome</u> (Octreotide):

- Thyroid-stimulating hormone
- Response to therapy

# Documentation of additional requirements per indication or drug:

- Acromegaly: Decreased or normalized insulinlike growth factor-1 (IGF-1) levels
- Cushing's:
  - Decreased or normalized cortisol levels
- Signifor:
  - Liver function tests

#### **Quantity Level Limits:**

- Octreotide:
   Max dose
   1500mcg/day
- Sandostatin (LAR): Maximum dose 40mg every 4 weeks
  - 10mg and 30mg vials: 1 vial per 28 days
  - 20mg vials:2 vials per 28 days



	<ul> <li>Prescribed by hepatologist or nephrologist</li> <li>Must be used in combination with midodrine and albumin</li> <li>Gastro-entero-pancreatic neuroendocrine tumor (Octreotide, Sandostatin Long-Acting Release, Somatuline Depot):         <ul> <li>Prescribed by, or in consultation with, an oncologist or endocrinologist</li> <li>Member has persistent disease after surgical resection, or is not a candidate for surgery</li> </ul> </li> </ul>	<ul> <li>Signifor: 2 vials per day</li> <li>Signifor (LAR): 1 vial per 28 days</li> <li>Somatuline Depot: 1 syringe per 28 days</li> </ul>
	<ul> <li>Octreotide may be reviewed for medical necessity and approved for the following:         <ul> <li>Chemotherapy-induced diarrhea in pediatrics, when prescribed by, or in consultation with, oncologist</li> <li>Dumping Syndrome in adults 18 years of age or older</li> <li>Enterocutaneous fistula in adults 18 years of age or older</li> <li>Hyperthyroidism due to thyrotropinoma in adults 18 years of age or older</li> </ul> </li> <li>Short bowel syndrome (associated diarrhea) in adults 18 years of age or older</li> <li>Portal hypertension and/or upper gastrointestinal bleed related to varional blooding, in adult members with esophagoal various that</li> </ul>	
Spinraza <sup>lxxxiii</sup>	<ul> <li>variceal bleeding, in adult members with esophageal varices that are 18 years of age or older</li> <li>Other, medically accepted indications per compendia</li> <li>May be authorized when all the following criteria are met:         <ul> <li>Member has a diagnosis of spinal muscular atrophy confirmed by genetic testing</li> <li>Prescribed by, or in consultation with a neurologist</li> <li>Documentation that member has Type I, Type II, or Type III Spinal Muscular Atrophy</li> <li>Member is 15 years of age or younger at initiation of treatment</li> </ul> </li> </ul>	Initial Approval: 2 months  Renewal Approval: 4 months  Requires:

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- Member is confirmed to have at least 2 copies of the Survival Motor Neuron-2 (SMN2) gene
- Genetic test confirms presence of one of the following chromosome 5q mutations or deletions:
  - Homozygous deletions of Survival Motor Neuron-1 (SMN1) gene
  - Homozygous mutation in the Survival Motor Neuron-1 (SMN1) gene
  - Compound heterozygous mutation in the Survival Motor Neuron-1 (SMN1) gene (deletion of Survival Motor Neuron-1 (SMN1) exon 7 (allele 1), and mutation of Survival Motor Neuron-1 (SMN1) (allele 2))
- Member is not dependent on any of the following:
  - Invasive ventilation for more than 16 hours per day, or tracheostomy
  - o Non-invasive ventilation for at least 12 hours per day
- Baseline motor milestone score is obtained using one of the following assessments:
  - o Hammersmith Functional Motor Scale Expanded (HFMSE)
  - o Hammersmith Infant Neurologic Exam Part 2 (HINE-2)
  - o Revised Upper Limb Module (RULM) test
  - Children's Hospital of Philadelphia Infant Test of Neuromuscular Disorders (CHOP-INTEND)
  - o Six-minute walk test
- Baseline labs to rule out coagulation abnormalities and thrombocytopenia:
  - o Platelet count
  - Prothrombin time (PT), and activated partial thromboplastin time (aPTT)
- Baseline labs to rule out renal toxicity:

- Response to therapy as demonstrated by medical records of one of the following:
  - Maintained, or improved motor milestone score, using the same exam as performed at baseline (refer to specific exam below)
  - Achieved, and maintained any new motor milestones, when otherwise would be unexpected to do so, using the same exam as performed at baseline

#### <u>Additional Requirements</u> <u>per Exam Performed:</u>

- Hammersmith Infant Neurologic Exam Part 2 (HINE-2)
  - One of the following:
    - Improvement, or maintenance of previous improvement, of

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Quantitative spot urine protein testing

#### **Exclusion Criteria:**

- There is currently insufficient evidence to support initiation of Spinraza after the age of 15 years.
- Spinraza will not be approved for spinal muscular atrophy without confirmation of the chromosome 5q mutation or deletion testing.
- Medication is not concurrently prescribed with Evrysdi or Zolgensma

- at least a 2-point increase in ability to kick
- Improvement, or maintenance of previous improvement, of at least a 1-point increase, in any other milestone (for example, head control, rolling, sitting, crawling), excluding voluntary grasp
- Hammersmith
   Functional Motor Scale
   Expanded (HFMSE)
  - Improvement, or maintenance of previous improvement, of at least a 3-point increase in score from baseline
- Revised Upper Limb Module (RULM)
  - Improvement, or maintenance of previous

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·
improvement, of at
least a 2-point
increase in score
from baseline
Children's Hospital of
Philadelphia Infant
Test of Neuromuscular
Disorders (CHOP
INTEND)
o Improvement, or
maintenance of
previous
improvement, of at
least a 4-point
increase in score
from baseline
6-Minute Walk Test
(6MWT)
o Maintained, or
improved score
from baseline
• The following laboratory tests showing
improvement from
pretreatment baseline
status:
o Platelet count
o Coagulation tests
such as prothrombin
time (PT), activated
partial
Partial

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		thromboplastin time (aPTT)  Quantitative spot urine protein test  Quantity Level Limit: Initial:  12 mg (5 mL) per administration  Total of 4 loading doses. First 3 doses are given at 14-day intervals. The 4th dose is given 30 days after the 3rd dose.  Maintenance: Given once every 4
Spiriva Respimat <sup>lxxxiv</sup> (Long-acting Muscarinic Agents [LAMA])	Incruse Ellipta is the formulary preferred agent for the treatment of chronic obstructive pulmonary disease (COPD) and does not require prior authorization  Spiriva Respimat may be authorized when:  • Member is 6 years of age or older with a diagnosis of asthma  • Member is currently taking an inhaled corticosteroid (ICS), and will continue with an inhaled corticosteroid (ICS) when Spiriva is initiated  • There was a trial and failure with at least two formulary agents:  • Inhaled corticosteroid  • Inhaled corticosteroid with a long-acting beta-2 agonist  • Montelukast or zafirlukast	months  Initial Approval: 12 months  Renewal Approval: 12 months  Requires: Member is currently taking an inhaled corticosteroid (ICS), and will continue to take the inhaled corticosteroid (ICS) along with Spiriva Respimat

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	NOTE: Spiriva HandiHaler, and Incruse Ellipta are not Food and Drug Administration (FDA) approved for asthma	
Sucraidlxxxv	May be authorized when the following criteria is met:	Initial Approval:
Sucraid	<ul> <li>Prescribed by a gastroenterologist, endocrinologist, or genetic specialist</li> <li>Member does not have secondary (acquired) disaccharidase deficiencies</li> <li>Documentation to support the diagnosis of congenital sucrose-isomaltase deficiency has been confirmed by the following:         <ul> <li>Duodenal biopsy showing low sucrose activity and normal amounts of other disaccharides on the same duodenal biopsy</li> <li>If small bowel biopsy is clinically inappropriate, difficult, or inconvenient to perform, the following diagnostic tests are acceptable alternatives (ALL must be performed and results submitted):</li></ul></li></ul>	3 months  Renewal Approval: 12 months  Requires:  Documentation to support a response to treatment with Sucraid (weight gain, decreased diarrhea, increased caloric intake
	those weighing 15kg or less and 17,000 units for those weighing	
	more than 15kg	
Sutent	General Criteria:	Initial Approval:
(sunitinib) xxxvi	<ul> <li>Prescribed by or in consultation with an oncologist</li> <li>Member is 18 years of age or older</li> </ul>	1 year
	In addition, Sutent may be authorized when one the following criteria is met:	Renewal Approval: 3 years

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- Treatment of Gastrointestinal Stromal Tumor (GIST) after disease progression while on or intolerance to imatinib
- Treatment of advanced Renal Cell Carcinoma (RCC)
- Adjuvant treatment for member at high risk of Recurrent Renal Cell Carcinoma (RCC) following nephrectomy
  - o Clear cell histology and stage III disease
- Unresectable, locally advanced, or metastatic pancreatic neuroendocrine tumors (pNET)
- Angiosarcoma
- Solitary fibrous tumor/hemangiopericytoma
- Alveolar Soft Part Sarcoma (ASPS)
- Differentiated thyroid carcinoma (for example, papillary, follicular, and Hürthle cell) meets all the following:
  - Unresectable locoregional recurrent, persistent, or distant metastatic disease
  - o Progressive and/or symptomatic iodine-refractory disease
  - Nexavar (sorafenib) and Lenvima (lenvatinib) are not available, or are not clinically appropriate
- Metastatic medullary thyroid carcinoma (MTC) that is persistent or recurrent:
  - o Member has symptomatic or progressive disease
  - o Trial of Caprelsa (vandetanib) or Cometriq (cabozantinib)
- Locally advanced, advanced, or recurrent thymic carcinomas:
  - Trial and failure of a first-line systemic therapy (for example carboplatin/paclitaxel or cisplatin/doxorubicin/ cyclophosphamide with prednisone)
- Recurrent chordoma
- Recurrent or progressive central nervous system cancer:
  - Surgery and/or radiotherapy for meningioma have failed or are not possible

#### Requires:

- Member does not show evidence of progressive disease while on therapy
- Member does not have unacceptable toxicity from therapy

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Symlin <sup>txxxvii</sup>	<ul> <li>May be approved for members who meet either of the following criteria:         <ul> <li>Treatment of type 1 diabetes:</li> <li>Failed to achieve adequate glycemic control (Hemoglobin A1c (HbA1c) less than 9), despite compliant regimen of mealtime insulin therapy for at least six months</li> </ul> </li> <li>Treatment of type 2 diabetes:         <ul> <li>Failed to achieve adequate glycemic control (Hemoglobin A1c (HbA1c) less than 9), despite compliant regimen of mealtime insulin therapy, with concurrent sulfonylurea agent and/or metformin for six months</li> </ul> </li> </ul>	Initial Approval: 6 months  Renewal Approval: 1 year
	Note: Recent Hemoglobin A1c (HbA1c), within three months, is necessary for initial approval and renewals	
Synagis	<ul> <li>May be authorized for members in the following groups when the criteria are met:</li> <li>A. Preterm Infants without Chronic Lung Disease (CLD):</li> <li>Gestational Age less than 29 weeks, 0 days</li> <li>12 months of age or younger at start of Respiratory Syncytial Virus (RSV) season</li> <li>B. Preterm Infants with Chronic Lung Disease (CLD):</li> <li>Gestational Age less than 32 weeks, 0 days</li> <li>Member meets one of the following: <ul> <li>Less than 12 months of age at start of Respiratory Syncytial Virus (RSV) season and required greater than 21% oxygen for greater than 28 days after birth</li> <li>Between 12 and 24 months of age at start of Respiratory Syncytial Virus (RSV) season and continues to require medical support within 6 months of start of Respiratory Syncytial Virus (RSV) season</li> </ul> </li> </ul>	Approval Duration:  1 dose per month for maximum of 5 doses per season  Note: Infants born during Respiratory Syncytial Virus (RSV) season may require fewer than 5 doses  Requires: Current weight to confirm correct vial size at 15mg/kg dose

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for example, supplemental oxygen, chronic systemic corticosteroid therapy, diuretic therapy, or bronchodilator therapy

### C. Infants with Hemodynamically Significant Congenital Heart Disease:

- Member meets one of the following:
  - Between 12 and 24 months of age at start of Respiratory Syncytial Virus (RSV) season and has undergone cardiac transplantation during Respiratory Syncytial Virus (RSV) season
  - Less than 12 months of age at start of Respiratory Syncytial
     Virus (RSV) season and meets one of the following:
    - Diagnosis of acyanotic heart disease that will require cardiac surgery and currently receiving medication to control heart failure
    - Diagnosis of cyanotic heart disease and prophylaxis is recommended by Pediatric Cardiologist
    - Diagnosis of moderate to severe pulmonary hypertension

### D. Children with Anatomic Pulmonary Abnormalities or Neuromuscular Disorder:

- 12 months of age or younger at start of Respiratory Syncytial Virus (RSV) season
- Disease or congenital anomaly impairs ability to clear secretions from upper airway because of ineffective cough

#### E. Immunocompromised Children:

- 24 months of age or younger at start of Respiratory Syncytial Virus (RSV) season
- Child is profoundly immunocompromised during Respiratory Syncytial Virus (RSV) season

#### F. Children with Cystic Fibrosis

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	Member meets one of the following:         12 months of age or younger with clinical evidence of chronic lung disease (CLD) and/or nutritional compromise in first year of life         24 months of age or younger with manifestations of severe lung disease (previous hospitalization for pulmonary exacerbation in first year of life or abnormalities on chest radiography or chest computed tomography that persist when stable), or weight for length less than 10th percentile.	
	<ul> <li>The following groups are not at increased risk of Respiratory</li> <li>Syncytial Virus (RSV) and should NOT receive Synagis:</li> <li>Infants and children with hemodynamically insignificant heart disease (for example, secundum atrial septal defect, small ventricular septal defect, pulmonic stenosis, uncomplicated aortic stenosis, mild coarctation of aorta, and patent ductus arteriosus)</li> <li>Infants with lesions adequately corrected by surgery, unless continue to require medication for congestive heart failure</li> <li>Infants with mild cardiomyopathy who are not receiving medical therapy for condition</li> <li>Children with cystic fibrosis (unless above criteria is met)</li> <li>Children with Down Syndrome (unless qualifying heart disease or prematurity)</li> <li>Children who had met criteria above but experienced break through Respiratory Syncytial Virus (RSV) hospitalization during current</li> </ul>	
Tadalafil (Cialis) lxxxix	season.  Tadalafil 5mg may be approved for members who meet all the following:  Diagnosis of benign prostatic hyperplasia (BPH)  Inadequate response, intolerable side effects or contraindication to both of the following:	Initial Approval: 3 months  Renewal Approval: 12 months

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	<ul> <li>Two alpha blockers         <ul> <li>For example, alfuzosin, tamsulosin, doxazosin, terazosin</li> <li>Finasteride for at least 6 months</li> </ul> </li> <li>Member is not using any form of organic nitrate (for example, nitroglycerin, isosorbide dinitrate, isosorbide mononitrate or amyl nitrate) or Adempas</li> <li>NOTE: Use of tadalafil for treatment of erectile dysfunction including penile rehabilitation is not a covered benefit</li> </ul>	Requires:  Demonstration of improvement in symptoms Improvement of International Prostate Symptom Score (I-PSS), or American Urological Association (AUA) Symptom Index score from baseline  Member continues to not use organic nitrates or Adempas  Quantity Level Limit: 30/30 days
Tarceva <sup>xc</sup> (erlotinib)	<ul> <li>General Criteria:</li> <li>Prescribed by or in consultation with an oncologist</li> <li>Member is 18 years of age or older</li> </ul>	Initial Approval: 1 year
	In addition, Tarceva may be authorized when one the following criteria is met:	Renewal Approval: 3 years
	<ul> <li>Locally advanced or metastatic pancreatic cancer in combination with gemcitabine (Gemzar)</li> <li>Advanced or metastatic Non-Small Cell Lung Cancer (NSCLC) with one of the following:         <ul> <li>Epidermal Growth Factor Receptor (EGFR) exon 19 deletion</li> <li>Exon 21 (L858R) substitution mutation</li> </ul> </li> </ul>	<ul> <li>Requires:</li> <li>Member does not show evidence of progressive disease while on therapy</li> </ul>

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	<ul> <li>Central Nervous System Cancer         <ul> <li>Member is positive for the sensitizing Epidermal Growth Factor Receptor (EGFR) exon 19 deletion or exon 21 (L858R) substitution mutation, and meets one of the following:</li></ul></li></ul>	Member does not have unacceptable toxicity from therapy
<b>Tavalisse</b> <sup>xci</sup>	May be authorized when the following criteria are met:	Initial Approval:
	<ul> <li>Member is 18 years of age or older</li> <li>Diagnosis of chronic, refractory immune thrombocytopenia (ITP)</li> <li>Medication is prescribed by or in consultation with a hematologist</li> <li>Insufficient response to at least one previous treatment such as corticosteroid, splenectomy, immunoglobulin, Thrombopoietin (TPO) Receptor Agonists (Promacta, Nplate, Doptelet), or Rituxan</li> <li>Documentation of a baseline platelet count less than 30 x 10°/L</li> <li>After obtaining baseline assessments, provider attests to the following:         <ul> <li>Monitor complete blood counts (CBCs), including platelet counts, monthly until a stable platelet count (at least 50 x 10°/L) is achieved.</li> </ul> </li> </ul>	4 months  Renewal Approval: 6 months  Requires: Documentation showing that after 12 weeks, platelet counts have increased to a level sufficient to avoid clinically important bleeding

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	<ul> <li>Monitor liver function tests (LFTs) (for example, alanine aminotransferase [ALT], aspartate aminotransferase [AST] and bilirubin) monthly</li> <li>Monitor blood pressure every 2 weeks until establishment of a stable dose, then monthly thereafter</li> <li>Medication will not be used in combination with thrombopoietin receptor agonists (for example, Doptelet, Mulpleta, Promacta, Nplate)</li> </ul>	Provider attestation of continuation of monitor complete blood counts (CBCs), neutrophils, blood pressure, and liver function tests (LFTs)  Quantity Level Limit: 2 tablets per day
Tepezza <sup>xcii</sup> (teprotumumab- trbw)	<ul> <li>May be approved when all the following criteria are met:         <ul> <li>Member has diagnosis of moderate to severe Graves' orbitopathy (ophthalmopathy) or thyroid-associated ophthalmopathy (thyroid eye disease (TED))</li> </ul> </li> <li>Member is 18 years of age or older</li> </ul> <li>Prescribed by or in consultation with an ophthalmologist, or endocrinologist</li> <li>There was a trial and failure with glucocorticoids (cumulative dose less than 1000mg methylprednisolone or equivalent), or glucocorticoids are contraindicated or cannot be tolerated</li> <li>Member has not been on a high dose (greater than 1000mg methylprednisolone or equivalent) steroid therapy in the past 4 weeks</li> <li>Documentation of baseline testing for all the following:             <ul> <li>Proptosis</li> <li>Clinical Activity Score of greater than or equal to 4</li> <li>Diplopia</li> <li>Graves' ophthalmopathy-specific quality-of-life (GO-QOL) questionnaire</li> </ul> </li>	Approval Duration: 6 months  Quantity Level Limit: Maximum 8 doses per lifetime

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Testosterone	<ul> <li>Member does not require immediate surgical ophthalmological intervention and is not planning corrective surgery/irradiation</li> <li>Documentation that member is euthyroid or mildly hypo/hyper-thyroid with free thyroxine (FT4) and free triiodothyronine (FT3) levels less than 50% above or below normal limits</li> <li>Provider attestation of monitoring for elevated blood glucose and symptoms of hyperglycemia</li> <li>Females of reproductive potential will be using effective contraception prior to starting therapy, during treatment, and for 6 months following the last dose of Tepezza</li> <li>Non-Preferred products require trial and failure of two preferred</li> </ul>	Initial Approval:
agents <sup>xciii</sup>	formulary agents in addition to meeting the clinical criteria	6 months
Preferred: Testosterone enanthate Testosterone cypionate Testosterone gel Testosterone packets Testosterone solution 30mg/act  Branded Products Non-Preferred Androderm Androgel Aveed Axiron	<ul> <li>Testosterone Replacement Therapy (TRT):</li> <li>Diagnosis of hypogonadism in males with consistent symptoms supported by one of the following:         <ul> <li>Documentation of two pretreatment serum total testosterone levels confirmed on two separate mornings with results below normal range (less than 264ng/dL or less than the reference range for the lab)</li> <li>Documentation of one pretreatment free or bioavailable testosterone level (less than the reference range for the lab), and</li> <li>■ Member has a condition that may alter sex-hormone binding globulin (for example obesity, diabetes mellitus, hypothyroidism, etc.), or</li> <li>■ Documentation that member's initial testosterone concentrations were at or near the lower limit of normal</li> <li>Diagnosis of one of the following:</li> <li>■ Bilateral Orchiectomy</li> </ul> </li> </ul>	Renewal Approval:  Delayed Puberty: 6 months All others: 12 months  Requires:  All indications (except breast cancer): Hematocrit less than 54%  Testosterone Replacement Therapy (TRT) and Female to Male Transsexualism (FtM TS): Documentation testosterone remains

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Delatestryl

Depo-Testosterone

**Fortesta** 

Jatenzo

Natesto

Striant

Testim

Testopel

Vogelxo

**Xyosted** 

Klinefelter syndrome)

- Panhypopituitarism
- Diagnosis of hypogonadism is not made during, or recovery from an acute illness, or when member is engaged in short-term use of certain medications (for example opioids and glucocorticoids)
- Attestation member does not have either of the following:
  - o Prostate cancer
  - o Male breast cancer
- Attestation that serum testosterone, prostate specific antigen (PSA), hemoglobin, hematocrit, liver functions tests, and lipid concentrations will be monitored periodically as appropriate

#### Female to Male Transsexualism (FtM TS):

#### Member must meet all the following:

- Age of 16 years or older
- An evaluation from a mental health professional shows there is a persistent, well-documented diagnosis of gender dysphoria
- Co-morbid mental health concerns have been or are actively being addressed
- Member made a fully informed decision and has given consent, and the parent and/or guardian consents to treatment for those under 18 years of age
- NOTE: Per the World Professional Association for Transgender Health (WPATH) Standards of Care psychotherapy is not an absolute requirement for hormone therapy

#### **Delayed Puberty:**

- Member is at least 14 years of age
- Prescriber is a pediatric endocrinologist or urologist
- Serial physical evaluations have been made over time (six months or more) to help confirm the diagnosis

- within the normal male range
- Delayed Puberty:
  Documentation
  showing measurements
  of height/weight,
  Tanner stage of
  pubertal development,
  bone age, and testicular
  size continue to be
  taken and there is still
  evidence of small testes
- <u>For Testosterone</u>
   <u>Replacement Therapy</u>
   (TRT):
  - Attestation member has not developed prostate or male breast cancer(s)
  - Prostate specific antigen (PSA), hemoglobin, liver functions tests, and lipid concentration continue to be monitored
- Breast cancer: Member is responding to therapy without disease progression

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	<ul> <li>Examination must include measurements of height/weight,         Tanner stage of pubertal development, bone age, and         testicular size</li> <li>Prescriber has determined there are few to no signs of puberty and         pubertal delay is severe or the member's psychosocial concerns         cannot be resolved without treatment</li> <li>Palliative treatment of inoperable breast cancer in women:         <ul> <li>Prescribed by oncologist</li> </ul> </li> <li>Acquired Immunodeficiency Syndrome (AIDS) - Associated wasting         <ul> <li>syndrome:</li> <li>Diagnosis of Human Immunodeficiency Virus/Acquired</li></ul></li></ul>	HIV/AIDS-wasting:     member has seen and     maintained increased     weight from baseline      Quantity Level Limit:     Testosterone solution     30mg/act: 6 mL/day
Topical Corticosteroids*civ  General Products Amcinonide cream/lotion Clocortolone Desonide Desoximetasone Fluocinolone oil Hydrocortisone valearate	General products may be authorized when the following criteria is met:  Member had a trial and failure with the amount of formulary alternatives required by the plan  Alternatives:  Alclometasone, amcinonide ointment, clobetasol propionate, fluocinolone cream/ointment/solution, halobetasol, hydrocortisone lotion/cream/ointment, triamcinolone, others	Initial approval: General products – 3 months  Renewal Approval: 1 year  Requires: Response to treatment
Transmucosal Immediate Release	Transmucosal immediate release fentanyl (TIRF) agents are opioid analgesics that are approved for the management of breakthrough	Initial Approval: 1 year

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### Fentanyl (TIRF) Agents\*cv

Abstral (fentanyl) sublingual tablets fentanyl citrate lozenge Fentora (fentanyl) buccal tablets Lazanda (fentanyl citrate) nasal spray Subsys (fentanyl) sublingual spray

cancer pain in members who are receiving and are tolerant to opioid therapy for underlying persistent cancer pain.

Transmucosal immediate release fentanyl (TIRF) agents are available only through a restricted TIRF Risk Evaluation and Mitigation Strategy (REMS) Access program.

The preferred formulary product is the generic fentanyl citrate with prior authorization (PA).

### May be authorized for members when all of the following criteria are met:

- Member is at least 16 years old for Actiq or generic fentanyl citrate lozenge and at least 18 years old for Abstral, Fentora, Lazanda, and Subsys
- Prescribed by, or in consultation with, an oncologist or pain specialist
- Documentation to support diagnosis of cancer and that treatment will be used for breakthrough cancer pain
- Member is on a long-acting opioid around-the-clock for treatment of cancer pain
- Attestation member is not on a benzodiazepine or gabapentinoids (gabapentin or pregabalin), but if concomitant use is deemed necessary therapy will be tapered and/or member will be monitored closely for adverse effects
- Provider has considered naloxone for the emergency treatment of opioid overdose, especially for members concomitantly prescribed benzodiazepines, other central nervous system (CNS) depressants, or muscle relaxants
- Documentation showing member has been confirmed to be opioidtolerant prior to each prescription

#### Renewal Approval:

1 year

#### Requires:

- Improvement in breakthrough cancer pain
- Continued use of a long-acting opioid around-the-clock while on treatment
- Documentation showing member has been confirmed to be opioid tolerant prior to each prescription

#### **Quantity Level Limit:**

Abstral: 4 tablets/day Actiq: 4 lozenges/day Fentora: 4 tablets/day Lazanda: 1 bottle/day Subsys: 8 sprays/day

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	Member must be considered opioid-tolerant and is considered opioid-tolerant if the member has received at least one week of treatment on one of the following medications:     Oral morphine sulfate at doses of at least 60 mg/day     Fentanyl transdermal patch at doses of at least 25 mcg/hour     Oral oxycodone at doses of at least 30 mg/day     Oral hydromorphone at doses of at least 8 mg/day     Oral oxymorphone at doses of at least 25 mg/day     Oral hydrocodone at doses of at least 60 mg/day     An alternative opioid at an equianalgesic dose for at least one week (for example, oral methadone at doses of at least 20 mg/day)  And     For all non-formulary agents, member had inadequate response or intolerable side effects with generic fentanyl citrate lozenge.  **Note: transmucosal immediate release fentanyl (TIRF) products are	
	not covered for the management of acute or postoperative pain including migraine headaches or for members who are not tolerant to opioids and who are not currently on opioid therapy.	
Tykerb (lapatinib) <sup>xcvi</sup>	<ul> <li>General Criteria:</li> <li>Prescribed by or in consultation with an oncologist</li> <li>Member is 18 years of age or older</li> </ul>	Initial Approval: 1 year
	In addition, Tykerb may be authorized when one of the following criteria is met:	Renewal Approval: 3 years
	<ul> <li>Recurrent or metastatic breast cancer, human epidermal growth factor receptor 2 positive (HER2+) in combination with an aromatase inhibitor (for example, anastrozole, letrozole, or exemestane)</li> <li>Member meets one of the following:</li> </ul>	<ul> <li>Requires:</li> <li>Member does not show evidence of progressive disease while on therapy</li> </ul>

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<ul> <li>Disease is epidermal growth factor receptor positive (EGFR+)</li> <li>Subsequent therapy of advanced or metastatic colon or rectal cancer:         <ul> <li>Disease is not appropriate for or has progressed on intensive therapy</li> <li>Treatment will be in combination with trastuzumab</li> </ul> </li> <li>Central Nervous System cancers meet one of the following:         <ul> <li>Recurrence of tumors in adult intracranial and spinal ependymoma (excluding subependymoma)</li> <li>Treatment is in combination with temozolomide</li> <li>Brain metastases in recurrent HER2-positive breast cancer</li> <li>Treatment is in combination with capecitabine</li> </ul> </li> <li>Verquvo</li> </ul>		<ul> <li>Postmenopausal or premenopausal, and receiving ovarian ablation or suppression</li> <li>Will receive testicular steroidogenesis suppression (for male members)</li> <li>Recurrent or metastatic breast cancer that is human epidermal growth factor receptor 2 positive (HER2+)</li> <li>Used in combination with capecitabine (Xeloda) or trastuzumab (Herceptin)</li> <li>Disease progression while on trastuzumab prior to initiation of either combination regimen</li> <li>Recurrent chordoma</li> <li>Trial of Gleevec (imatinib), Sutent (sunitinib), or Sprycel (dasatinib)</li> </ul>	Member does not have unacceptable toxicity from therapy
	Verquvo	<ul> <li>Recurrent chordoma</li> <li>Trial of Gleevec (imatinib), Sutent (sunitinib), or Sprycel (dasatinib)</li> <li>Disease is epidermal growth factor receptor positive (EGFR+)</li> <li>Subsequent therapy of advanced or metastatic colon or rectal cancer:         <ul> <li>Disease is not appropriate for or has progressed on intensive therapy</li> <li>Treatment will be in combination with trastuzumab</li> </ul> </li> <li>Central Nervous System cancers meet one of the following:         <ul> <li>Recurrence of tumors in adult intracranial and spinal ependymoma (excluding subependymoma)</li> <li>Treatment is in combination with temozolomide</li> <li>Brain metastases in recurrent HER2-positive breast cancer</li> <li>Treatment is in combination with capecitabine</li> </ul> </li> </ul>	

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#### Viscosupplements

xcvii

#### Gel-One Visco-3

Agents other than Visco-3 and Gel-One will not be covered

#### **Authorization Criteria:**

- Member had inadequate response, intolerable side effects, or contraindications to all the following:
  - o Conservative non-pharmacologic therapy
    - For example, physical therapy, land based or aquatic based exercise, resistance training, or weight loss
  - Adequate trial of pharmacologic therapy, one of which must be oral or topical non-steroidal anti-inflammatory drugs (NSAIDs)
    - For example, acetaminophen, duloxetine, or topical capsaicin
  - o Intra-articular steroid injections
- Member reports pain which interferes with functional activities
  - o For example, ambulation, or prolonged standing
- Pain is not attributed to other forms of joint disease
- Member has not had surgery on the same knee in the past 6 months
- Treatment is not requested for any of the following indications:
  - o Temporomandibular joint disorders
  - o Chondromalacia of patella (chondromalacia patellae)
  - o Pain in joint, lower leg (patellofemoral syndrome)
  - Osteoarthrosis and allied disorders (joints other than knee)
  - o Diagnosis of osteoarthritis of the hip, hand, shoulder, etc.
- Documentation to meet one of the following criteria:
  - Radiographic evidence of mild to moderate osteoarthritis of the knee
    - For example, severe joint space narrowing, subchondral sclerosis, osteophytes
  - Symptomatic osteoarthritis of the knee according to the American College of Rheumatology clinical and laboratory

#### **Initial Approval:**

1 series

#### Renewal Approval:

- 1 series
- No more than 2 series of injections are allowed per lifetime

#### Requires:

- 6 months has elapsed since previous treatment
- Documentation to support improved response to previous series
  - For example, dose reduction with nonsteroidal antiinflammatory drugs (NSAIDs), or other analgesics

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	criteria, which requires knee pain, and at least <b>five</b> of the following:  Bony enlargement Bony tenderness Crepitus (noisy, grating sound) on active motion Frythrocyte sedimentation rate (ESR) less than 40 mm/hour Less than 30 minutes of morning stiffness No palpable warmth of synovium Over 50 years of age Rheumatoid factor less than 1:40 titer (agglutination method) Synovial fluid signs (clear fluid of normal viscosity, and white blood cells less than 2000/mm3)	
Votrientxcviii	<ul> <li>General Criteria:</li> <li>Prescribed by or in consultation with an oncologist</li> <li>Member is 18 years of age or older</li> </ul>	Initial Approval: 1 year  Renewal Approval:
	In addition, Votrient may be authorized when one of the following criteria is met:	3 years
	Advanced Renal Cell Carcinoma (RCC)	Requires:
	<ul> <li>Advanced or metastatic Soft Tissue Sarcoma (STS) and one of following:</li> </ul>	<ul> <li>Member does not show evidence of progressive</li> </ul>
	<ul> <li>Desmoid Tumors (Aggressive Fibromatosis)</li> </ul>	disease while on
	o Angiosarcoma	therapy
	Alveolar Soft Part Sarcoma (ASPS)  Solitary Fibrary Type are	Member does not have
	Solitary Fibrous Tumor     Pleamerphia rhabdemyearrams	unacceptable toxicity
	<ul> <li>Pleomorphic rhabdomyosarcoma</li> <li>Retroperitoneal/intra-abdominal soft tissue sarcoma</li> </ul>	from therapy
	<ul> <li>Soft tissue sarcoma of the extremity/body wall or head/neck</li> </ul>	

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Jui 1051		Requires:
Modafinil Sunosi		1 year
Armodafinil	Prescribed by, or in consultation with, a sleep specialist	Renewal Approval:
•	is met:	
Agents <sup>xcix</sup>		6 months
Wakefulness Agents <sup>xcix</sup>	<ul> <li>beithelial, ovarian, Fallopian tube, or primary peritoneal cancer must meet the following:         <ul> <li>Disease is stage 2 to 4</li> <li>Member received primary treatment with chemotherapy (for example carboplatin with paclitaxel) and/or surgery and achieved complete response</li> </ul> </li> <li>Differentiated thyroid carcinoma (for example, papillary, follicular, and Hürthle cell) meets all the following:         <ul> <li>Unresectable recurrent, persistent locoregional, or distant metastatic disease</li> <li>Progressive and/or symptomatic iodine-refractory disease</li> <li>Nexavar (sorafenib) and Lenvima (lenvatinib) are not available or are not clinically appropriate</li> </ul> </li> <li>Metastatic medullary thyroid carcinoma (MTC) that is persistent or recurrent:         <ul> <li>Member has symptomatic or progressive disease</li> <li>Trial of Caprelsa (vandetanib) or Cometriq (cabozantinib)</li> </ul> </li> <li>May be authorized for members at least 17 years old for excessive daytime sleepiness associated with narcolepsy when the following is metred.</li> </ul>	Initial Approval:
	<ul> <li>Gastrointestinal stromal tumor (GIST) and disease progression after imatinib (Gleevec), sunitinib (Sutent), and regorafenib (Stivarga)</li> <li>Metastatic Dermatofibrosarcoma Protuberans (DFSP)</li> <li>Recurrent or metastatic uterine sarcoma that has progressed with prior cytotoxic therapy (for example doxorubicin,</li> </ul>	

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#### Wakix

 Multiple sleep latency test (MSLT) or maintenance of wakefulness test (MWT) performed after polysomnography supports diagnosis of narcolepsy

May be authorized for members at least 17 years old for excessive daytime sleepiness associated with Obstructive Sleep Apnea (OSA) when the following is met:

- Prescribed by, or in consultation with, a sleep specialist
- Polysomnography has confirmed the diagnosis of Obstructive Sleep Apnea (OSA)
- Member remains symptomatic despite optimization of Continuous Positive Airway Pressure (CPAP) or Bilevel Positive Airway Pressure (BIPAP) therapy, and compliance for at least 1 month
- Continuous Positive Airway Pressure (CPAP) or Bilevel Positive Airway Pressure (BIPAP) will be continued after modafinil or armodafinil is started
- Daytime fatigue is significantly impacting, impairing, or compromising the member's ability to function normally
- \*\*Note: Wakix is not indicated for Obstructive Sleep Apnea (OSA).

May be authorized for members at least 17 years old for excessive daytime sleepiness associated with Shift-Work Disorder (SWD) when the following is met:

- Prescribed by, or in consultation with, a sleep specialist
- Sleep log and actigraphy monitoring have been completed for at least 14 days and show a disrupted sleep and wake pattern
- Disruption is not due to another sleep disorder, medical condition, poor sleep hygiene, or substance abuse disorder Symptoms have been present for 3 or more months
- The sleepiness is significantly impacting, impairing, or compromising the member's ability to function normally

- Response to treatment
- Obstructive Sleep Apnea:
  - Member is compliant with Continuous Positive Airway Pressure (CPAP) or Bilevel Positive Airway Pressure (BIPAP)
- Shift-Work Disorder:
  - Member is still a shift-worker

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Г	**Note: Sunosi and Wakix are not indicated for Shift-Work Disorder	
	(SWD)	
Xifaxan°	<ul> <li>Xifaxan 200mg may be authorized when the following are met:</li> <li>Treatment is for Traveler's Diarrhea</li> <li>Member is 12 years of age or older</li> <li>Member had inadequate response, intolerable side effect, or contraindication to azithromycin or a fluoroquinolone</li> </ul>	Initial Approval: Traveler's Diarrhea: 3 days Hepatic Encephalopathy: 12 months Irritable Bowel Syndrome
	<ul> <li>Xifaxan 550mg may be authorized when one of the following is met:</li> <li>Treatment is for Irritable Bowel Syndrome with Diarrhea:</li> <li>Member is 18 years of age or older</li> </ul>	with Diarrhea: One-time authorization of 14 days
	<ul> <li>Member had inadequate response or intolerable side effect to at least 2 of the following agents:</li> <li>Loperamide, bile acid sequestrants, antispasmodics, or tricyclic antidepressants</li> </ul>	Renewal Approval: Hepatic Encephalopathy: 12 months
	<ul> <li>Treatment is for Hepatic Encephalopathy:</li> <li>Member is 18 years of age or older and meets <u>one</u> of the following:</li> <li>There was an inadequate response to a recent 3-month trial of</li> </ul>	Requires: Decreased symptoms or blood ammonia levels
	lactulose and member will continue use of lactulose concomitantly with Xifaxan (review claim history)  There was an intolerable side effect to lactulose. (Provide date and type of adverse event experienced; unpleasant taste is not considered an intolerance to lactulose)	Irritable Bowel Syndrome with Diarrhea: 14 days; Maximum 3 treatment courses per year
		Requires: Symptom resolution during previous treatment course
		Quantity Level Limit: Irritable Bowel Syndrome with Diarrhea: 3 tablets per day

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		T
		Traveler's Diarrhea: 3 tablets per day; Maximum 1 treatment course per 90 days
		Hepatic Encephalopathy: 2 tablets per day
Xolair	<ul> <li>May be authorized when all of the following are met:         <ul> <li>Member six years of age and older</li> <li>Diagnosis of moderate to severe persistent asthma</li> <li>Prescribed by, or after consultation with a pulmonologist or allergist/immunologist</li> <li>Positive skin test or in vitro reactivity to a perennial allergen (for example: dust mite, animal dander, cockroach, etc.)</li> <li>Documentation to support Immunoglobulin E (IgE) is between 30 and 1300 International unit (IU)/millimeter(ml)</li> <li>Member has been compliant with medium to high dose inhaled corticosteroids (ICS) + a long-acting beta agonist (LABA) for at least three months or other controller medications (for example: LTRA (Leukotriene Receptor Antagonists) or theophylline) if intolerant to a long-acting beta agonist (LABA)</li> <li>Asthma symptoms are poorly controlled on one of the above regimens as defined by any of the following:</li></ul></li></ul>	Demonstration of clinical improvement (for example: decreased use of rescue medications or systemic
	<ul> <li>agonists)</li> <li>Nighttime symptoms occurring more than once a week</li> <li>At least two exacerbations in the last 12 months requiring additional medical treatment (systemic corticosteroids, emergency department visits, or hospitalization)</li> </ul>	emergency department visits or hospitalizations) and compliance with asthma controller medications

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	<ul> <li>Member will not receive in combination with Interleukin-5 (IL-5) antagonists (Nucala, Fasenra, or Cinqair) or Dupixent</li> <li>May be authorized when all of the following criteria are met:         <ul> <li>Member is 12 years of age and older</li> <li>Diagnosis of chronic urticaria</li> <li>Prescribed by an allergist/immunologist or dermatologist</li> <li>Currently receiving H1 antihistamine therapy</li> <li>Failure of a 4-week, compliant trial of a high dose, second generation antihistamine (cetirizine, loratadine, fexofenadine) and</li> <li>Failure of a 4-week, compliant trial of at least THREE of the following</li> </ul> </li> </ul>	Chronic urticaria: 6 months  Requires Demonstration of adequate symptom control (for example: decreased itching)  Dosing Restriction: • Asthma: Per
	combinations:  • H1 antihistamine + Leukotriene inhibitor (montelukast or zafirlukast)  • H1 antihistamine + H2 antihistamine (ranitidine or cimetidine)  • H1 antihistamine + Doxepin  • First generation + second generation antihistamine  **Note: Off-label use for Allergic Rhinitis or food allergy is not covered**  **Xolair is not indicated for the relief of acute bronchospasm or status	manufacturer, do not exceed 375mg every 2 weeks  Urticaria: Initial dose of 150mg per 4 weeks. Dose may be increased to 300mg per 4 weeks if necessary.
	asthmaticus **	
Xyrem <sup>cii</sup>	Documentation of progress notes, lab results, or other clinical information is required	Initial Approval: 6 months
	<ul> <li>May be authorized for members 7 years of age or older when all the following criteria are met:</li> <li>Diagnosis is severe narcolepsy with cataplexy, or severe narcolepsy with excessive daytime sleepiness</li> <li>Member does not have succinic semialdehyde dehydrogenase deficiency</li> </ul>	Renewal Approval: 6 months  Requires:

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- o Inborn error of metabolism variably characterized by mental retardation, hypotonia, and ataxia
- Prescribed by, or in consultation with a neurologist or sleep specialist that is board-certified by the American Board of Sleep Medicine
- No concomitant fills for Central Nervous System (CNS) depressants
  - Central Nervous System depressant drugs may include, but are not limited to the following:
    - Alcohol
    - Sedative hypnotics
    - Narcotic analgesics
    - Benzodiazepines
    - Sedating antidepressants
    - Sedating antipsychotics
    - Sedating antiepileptic drugs
    - General anesthetics
    - Muscle relaxants
- Polysomnography indicates the following:
  - At least 6 hours of sleep time occurred during overnight polysomnogram
  - $\circ \quad \hbox{Other conditions of sleepiness have been ruled out} \\$
- Multiple sleep latency test (MSLT) indicates the following:
  - Mean sleep latency is of 8 minutes or less
  - There are 2 or more sleep onset rapid eye movement periods (SOREMPs) (within 15 minutes of sleep onset)
  - If a sleep onset rapid eye movement period (SOREMP) is identified on polysomnography, then multiple sleep latency test (MSLT) can show one sleep onset rapid eye movement period (SOREMP)
- For Cataplexy:

- No concomitant fills for Central Nervous System (CNS) depressants
- Adherence to medication as demonstrated by prescription claims history
- Response to therapy is indicated by decrease in symptoms as demonstrated by reduction in frequency of cataplexy attacks, Epworth Sleepiness Scale (ESS) and/or Maintenance of Wakefulness Test (MWT)

### **Quantity Level Limit:**

- 9 grams per day or
- 18 mL per day or
- 540 mL per 30 days

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	<ul> <li>Members that are 17 years of age or older require trial and failure, intolerance, or contraindication to Modafinil for 60-days         <ul> <li>Prior authorization required</li> </ul> </li> <li>For Excessive Daytime Sleepiness:         <ul> <li>Trial and failure, intolerance, or contraindication to two Central Nervous System stimulants</li> <li>For example amphetamine, dextroamphetamine, or methylphenidate for 60 days at maximum tolerated dose</li> <li>Members that are 17 years of age or older require trial and failure, intolerance, or contraindication to Modafinil for 60-days</li> </ul> </li> </ul>
	<ul> <li>Prior authorization required</li> <li>Prescriber and member are both enrolled in the Xyrem Risk         Evaluation and Mitigation Strategy (REMS) Program</li> </ul>
Zolgensma	See detailed document: <a href="https://www.aetnabetterhealth.com/illinois-medicaid/providers/pharmacy-guidelines">https://www.aetnabetterhealth.com/illinois-medicaid/providers/pharmacy-guidelines</a>

#### i Compound References:

- 1. Aetna, Medical Clinical Policy Bulletin, Number 0388 Complementary and Alternative Medicine, 6/20/19(accessed May 12, 2020); available at http://aetnet.aetna.com/mpa/cpb/300\_399/0388.html
- 2. Aetna, Medical Clinical Policy Bulletin, Number: 0759 Vulvodynia and Vulvar Vestibulitis Treatments, 10/15/19(accessed May 12, 2020); available at <a href="http://aetnet.aetna.com/mpa/cpb/700">http://aetnet.aetna.com/mpa/cpb/700</a> 799/0759.html
- 3. Aetna, Medical Clinical Policy Bulletin, Number 0065 Nebulizers, 4/01/19 (assessed May 10, 2019); available at <a href="http://aetnet.aetna.com/mpa/cpb/1">http://aetnet.aetna.com/mpa/cpb/1</a> 99/0065.html
- 4. U.S. Food & Drug Administration, Drugs; Guidance, Compliance, & Regulatory Information, Human Drug Compounding, 4/19/2019 (accessed May 10, 2019); available at <a href="https://www.fda.gov/drugs/guidance-compliance-regulatory-information/human-drug-compounding">https://www.fda.gov/drugs/guidance-compliance-regulatory-information/human-drug-compounding</a>
- 5. Aetna, Medical Clinical Policy Bulletin, Number 0593 Aerosolized or Irrigated Anti-infectives for Sinusitis, 1/16/20 (accessed May 12, 2020); available at http://aetnet.aetna.com/mpa/cpb/500 599/0593.html

#### ii Afinitor References:

- 1. Efficacy of everolimus in advanced renal cell carcinoma: a double-blind, randomized placebo-controlled phase III trial. The Lancet. 2008
- National Comprehensive Cancer Network (NCCN) Clinical Practice Guideline in Oncology: Thyroid Carcinoma. https://www.nccn.org/professionals/physician\_gls/pdf/thyroid.pdf
   version1.2021 - April 9, 2021. Accessed May 25, 2021.

Last Update: 12.1.2020, 12.4.2020, 3.1.2021, 5.11.2021, 6.28.2021, 8.1.2021, 9.13.2021, 10.1.2021, 12.17.2021, 1.9.2022, 2.1.2022, 2.17.2022, 2.28.2022, 3.11.2022, 4.5.2022, 4.7.2022, 4.26.2022,



- 3. National Comprehensive Cancer Network (NCCN) Clinical Practice Guideline in Oncology: Central Nervous System. https://www.nccn.org/professionals/physician\_gls/pdf/cns.pdf. Version 5.2020 April 15, 2021. Accessed May 25, 2021.
- National Comprehensive Cancer Network (NCCN) Clinical Practice Guideline in Oncology: Kidney Cancer. <a href="https://www.nccn.org/professionals/physician\_gls/PDF/kidney.pdf">https://www.nccn.org/professionals/physician\_gls/PDF/kidney.pdf</a>. Version 4.2021 - April 19, 2021. Accessed May 25, 2021.
- 5. National Comprehensive Cancer Network (NCCN) Clinical Practice Guideline in Oncology: Breast Cancer. <a href="https://www.nccn.org/professionals/physician\_gls/pdf/breast.pdf">https://www.nccn.org/professionals/physician\_gls/pdf/breast.pdf</a>. Version 4.2021 April 28, 2021. Accessed May 25, 2021.
- 6. National Comprehensive Cancer Network (NCCN) Clinical Practice Guideline in Oncology: Waldenstrom's Macroglobulinemia/Lymphoplasmacytic lymphoma. <a href="https://www.nccn.org/professionals/physician\_gls/pdf/waldenstroms.pdf">https://www.nccn.org/professionals/physician\_gls/pdf/waldenstroms.pdf</a> . Version 1.2021 September 1, 2020. Accessed May 25, 2021.
- National Comprehensive Cancer Network (NCCN) Clinical Practice Guideline in Oncology: Soft Tissue Sarcoma. <a href="https://www.nccn.org/professionals/physician\_gls/pdf/sarcoma.pdf">https://www.nccn.org/professionals/physician\_gls/pdf/sarcoma.pdf</a>
   Version 2.2021 - April 28, 2021. Accessed May 25, 2021.
- 8. National Comprehensive Cancer Network (NCCN)Clinical Practice Guideline in Oncology: Hodgkin Lymphoma. <a href="https://www.nccn.org/professionals/physician\_gls/pdf/hodgkins.pdf">https://www.nccn.org/professionals/physician\_gls/pdf/hodgkins.pdf</a> . Version 4.2021 April 20, 2021. Accessed May 25, 2021.
- 9. National Comprehensive Cancer Network (NCCN Clinical Practice Guideline in Oncology: Thymomas and Thymic Carcinomas. <a href="https://www.nccn.org/professionals/physician\_gls/pdf/thymic.pdf">https://www.nccn.org/professionals/physician\_gls/pdf/thymic.pdf</a> . Version 1.2021 December 4, 2020. Accessed May 25, 2021.
- National Comprehensive Cancer Network (NCCN): Clinical Practice Guidelines in Oncology: Uterine Neoplasms.
   <a href="https://www.nccn.org/professionals/physician\_gls/pdf/uterine.pdf">https://www.nccn.org/professionals/physician\_gls/pdf/uterine.pdf</a>. Version 2.2021 May 7, 2021. Accessed May 25, 2021.
- 11. National Comprehensive Cancer Network (NCCN) Clinical Practice Guideline in Oncology: Bone Cancer.

  <a href="https://www.nccn.org/professionals/physician\_gls/pdf/bone.pdf">https://www.nccn.org/professionals/physician\_gls/pdf/bone.pdf</a>. Version 1.2021 November 20, 2020. Accessed May 25, 2021.
- 12. Besalga J, Campone M, Piccart M, et al. Everolimus in postmenopausal hormone-receptor-positive advanced breast cancer. N Engl J Med. 2012 Feb 9;366(6):520-9.
- 13. National Guideline Clearinghouse (NGC). Guideline summary: Guidelines on renal cell carcinoma. In: National Guideline Clearinghouse (NGC). http://www.guideline.gov/content.aspx?id=45321&search=advanced+renal+cell+carcinoma#Section420. Rockville (MD): Agency for Healthcare Research and Quality (AHRQ); cited 2015 August 10. Available: http://www.guideline.gov.
- 14. Owens, James. Tuberous sclerosis complex: Management. In UpToDate, Post TW (Ed.), Waltham, MA, (accessed on August 10,2015).
- 15. Torres, Vicente. Renal angiomyolipomas. In UpToDate, Post TW (Ed.), Waltham, MA, (accessed on August 10, 2015).
- 16. Chan Ang, Jennifer. Metastatic pancreatic neuroendocrine tumors and poorly differentiated gastroenteropancreatic neuroendocrine carcinomas: Systemic therapy options to control tumor growth and symptoms of hormone hypersecretion. In UpToDate, Post TW (Ed.), Waltham, MA, (accessed August 10, 2015).
- 17. Ellis, Matthew. Treatment approach to metastatic hormone receptor-positive breast cancer: Endocrine therapy. In UpToDate, Post TW (Ed.), Waltham, MA, (accessed August 10, 2015).
- 18. National Comprehensive Cancer Network (NCCN) Clinical Practice Guideline in Oncology: Neuroendocrine Tumors. http://www.nccn.org/professionals/physician\_gls/pdf/neuroendocrine.pdf. Version 1.2019. Accessed November 8, 2019.
- 19. Afinitor (everolimus) [package insert]. East Hanover, NJ: Novartis Pharmaceuticals Corporation; Revised April 2021. https://www.novartis.us/sites/www.novartis.us/files/afinitor.pdf. Accessed May 4, 2021.
- 20. Afinitor. Clinical Pharmacology. Clinical Pharmacology Website. www.clinicalpharmacology.com. Accessed November 8, 2019.

Anthelmintics references
Last Update: 12.1.2020, 12.4.2020, 3.1.2021, 5.11.2021, 6.28.2021, 8.1.2021, 9.13.2021, 10.1.2021, 12.17.2021, 1.9.2022, 2.1.2022, 2.17.2022, 2.28.2022, 3.11.2022, 4.5.2022, 4.7.2022, 4.26.2022,



- Biltricide [package insert]. Bayer Healthcare Pharmaceuticals, Inc., Whippany, NJ; 2019. https://www.accessdata.fda.gov/drugsatfda\_docs/label/2019/018714s018lbl.pdf. Accessed Sept 12, 2019.
- 2. Lexicomp [database online]. Available at: https://online.lexi.com/lco/action/home. Accessed September 12, 2019
- 3. Center of Disease Control and Prevention Parasites, https://www.cdc.gov/parasites/ Accessed November 15, 2019
- 4. Praziquantel prescribing information. Par Pharmaceutical Chestnut Ridge, NY 10977 U.S.A. last revised 2017
- 5. Albendazole prescribing information. Amedra Pharmaceuticals LLC Horsham, PA 19044 U.S.A last revised 2016
- 6. Gold Standard, Inc. Clinical Pharmacology [database online]. Available at: http://www.clinicalpharmacology.com. Accessed November 15, 2019.

### iv Antidepressant References:

- 1. American Psychiatric Association: Practice guideline for the treatment of patients with major depressive disorder, Third Edition. *Am J Psychiatry*. 2010;167(suppl):1-104.
- 2. Rush AJ, Trivedi MH, Wisniewski SR, et al. Acute and longer-term outcomes in depressed outpatients requiring one or several treatment steps: A STAR\*D report. *Am J Psychiatry*. 2006;163:1905-1917.
- 3. Depression Guideline Panel. Depression in Primary Care: Treatment of Major Depression: Clinical Practice Guideline. U.S. Department of Health and Human Services
- 4. ACOG Practice Bulletin No. 141: management of menopausal symptoms. Obstet Gynecol. 2014 Jan;123(1):202-16. doi: 10.1097/01.AOG.0000441353.20693.78
- 5. Goodman NF, Cobin RH, Ginzburg SB, et al. American Association of Clinical Endocrinologists Medical Guidelines for Clinical Practice for the diagnosis and treatment of menopause. Endocr Pract 2011;17:1-25.
- 6. North American Menopause Society. Non-hormonal management of menopause-associated vasomotor symptoms: 2015 position statement of The North American Menopause Society. Menopause. 2015;22:1155-1172.
- Avery D. Seasonal affective disorder: Treatment. Waltham, MA: UptoDate; Last modified August 23, 2019.
   <a href="https://www.uptodate.com/contents/seasonal-affective-disorder-treatment?search-seasonal%20affective%20disorder&source=search\_result&selectedTitle=1~23&usage\_type=default&display\_rank=1#H209889.</p>
   Accessed 9/25/19.
- 8. Simpson HB. Pharmacotherapy for obsessive-compulsive disorder in adults. Waltham, MA: UptoDate; Last modified June 22, 2017. <a href="https://www.uptodate.com/contents/pharmacotherapy-for-obsessive-compulsive-disorder-in-adults?search=obsessive%20compulsive%20disorder%20treatment&source=search\_result&selectedTitle=1~139&usage\_type=default&display\_rank=1. Accessed\_September 25, 2019.
- 9. American Psychiatric Association: Practice guideline for the treatment of patients with obsessive-compulsive disorder. 2007. <a href="https://psychiatryonline.org/pb/assets/raw/sitewide/practice\_guidelines/guidelines/ocd.pdf">https://psychiatryonline.org/pb/assets/raw/sitewide/practice\_guidelines/guidelines/ocd.pdf</a>. Accessed September 25, 2019, .
- 10. American Psychiatric Association: Practice guideline for the treatment of patients with obsessive-compulsive disorder (Guideline Watch). 2013. <a href="https://psychiatryonline.org/pb/assets/raw/sitewide/practice-guidelines/guidelines/guidelines/ocd-watch.pdf">https://psychiatryonline.org/pb/assets/raw/sitewide/practice-guidelines/guid
- 11. American Psychiatric Association: Practice guideline for the treatment of patients with panic disorder. 2009. <a href="https://psychiatryonline.org/pb/assets/raw/sitewide/practice\_guidelines/guidelines/guidelines/panicdisorder.pdf">https://psychiatryonline.org/pb/assets/raw/sitewide/practice\_guidelines/guidelines/guidelines/panicdisorder.pdf</a>. Accessed September 25, 2019.
- 12. Casper RF, Yonkers KA. Treatment of premenstrual syndrome and premenstrual dysphoric disorder. Waltham, MA: UptoDate; Last modified June 14, 2019. https://www.uptodate.com/contents/treatment-of-premenstrual-syndrome-and-premenstrual-dysphoric-

Last Update: 12.1.2020, 12.4.2020, 3.1.2021, 5.11.2021, 6.28.2021, 8.1.2021, 9.13.2021, 10.1.2021, 12.17.2021, 1.9.2022, 2.1.2022, 2.17.2022, 2.28.2022, 3.11.2022, 4.5.2022, 4.7.2022, 4.26.2022,



<u>disorder?search=premenstrual%20dysphoric%20disorder&source=search\_result&selectedTitle=1~150&usage\_type=default&display\_rank=1</u>. Accessed September 25, 2019.

- 13. Selective Serotonin Reuptake Inhibitors and Serotonin Norepinephrine Reuptake Inhibitors. In: Clinical Pharmacology [database online]. Tampa, FL: Gold Standard, Inc.; <a href="http://www.clinicalpharmacology-ip.com/Forms/AdvSearch/msearch.aspx?s=c&id=298">http://www.clinicalpharmacology-ip.com/Forms/AdvSearch/msearch.aspx?s=c&id=298</a>. Accessed September 25, 2019.
- 14. APLENZIN (bupropion hydrobromide extended-release) Prescribing Information. Valeant Pharmaceuticals, Inc. Bridgewater, New Jersey. May 2017.
- 15. Forfivo XL Prescribing Information. Edgemont Pharmaceuticals LLC. Austin, TX. August 2016.
- 16. Pexeva Prescribing Information. Norwich Pharmaceuticals, Inc. Norwich, NY. July 2014.
- 17. Trintellix Prescribing Information. Takeda Pharmaceuticals America, Inc. Deerfield, IL. April 2017.
- 18. Fetzima Prescribing Information. Allergan USA, Inc. Irvine, CA. January 2017.

#### V Anticoagulants - Injectable References

- Lovenox® [package insert]. Bridgewater, NJ: Sanofi-Aventis US LLC; May 2020. <a href="http://products.sanofi.us/Lovenox/Lovenox.pdf">http://products.sanofi.us/Lovenox/Lovenox.pdf</a>. Accessed September 3, 2020.
- Arixtra [package insert]. Rockford, IL: Mylan Institutional LLC; June 2020. <a href="https://dailymed.nlm.nih.gov/dailymed/drugInfo.cfm?setid=8a27f341-f612-de72-8c1f-3fd977905de0">https://dailymed.nlm.nih.gov/dailymed/drugInfo.cfm?setid=8a27f341-f612-de72-8c1f-3fd977905de0</a>. Accessed September 3, 2020.
- 3. Fragmin® [package insert]. New York, NY: Pfizer Labs; June 2020. http://labeling.pfizer.com/ShowLabeling.aspx?id=2293. Accessed April 17, 2019.
- 4. Kearon C, Akl EA, Ornelas J, et al. Antithrombotic therapy for VTE disease: CHEST guideline and expert panel report. CHEST. 2016;149(2):315-352.
- 5. Kearon C, Akl EA, Comerota AJ, et al. Antithrombotic therapy for VTE disease: antithrombotic therapy and prevention of thrombosis, 9th ed. *CHEST*. 2012: 141(2 Suppl):e419S-e494S.
- 6. Kahn SR., Lim W., Dunn AS., et al. Prevention of VTE in nonsurgical patients: Antithrombotic Therapy and Prevention of Thrombosis, 9th ed: American College of Chest Physicians Evidence-Based Clinical Practice Guidelines), Chest 2012; 141 (Suppl 2): e195S-e226S
- 7. Gould MK., Garcia DA., Wren SM., et al. Prevention of VTE in Nonorthopedic Surgical Patients: Antithrombotic Therapy and Prevention of Thrombosis, 9th ed: American College of Chest Physicians Evidence-Based Clinical Practice Guidelines. Chest 2012; 141 (Suppl 2): e227S-e277S
- 8. Falck-Ytter Y., Francis CW., Johanson NA,, et al. Prevention of VTE in Orthopedic Surgery Patients: Antithrombotic Therapy and Prevention of Thrombosis, 9th ed: American College of Chest Physicians Evidence-Based Clinical Practice Guidelines. Chest 2012; 141 (Suppl 2): e278S-e325S
- 9. Douketis JD., Spyropoulos AC., Spencer FA., et al. Perioperative Management of Antithrombotic Therapy: Antithrombotic Therapy and Prevention of Thrombosis, 9th ed: American College of Chest Physicians Evidence-Based Clinical Practice Guidelines. Chest 2012; 141 (Suppl 2): e326S-e350S
- 10. You JJ., Singer DE., Howard PA., et al. Antithrombotic Therapy for Atrial Fibrillation: Antithrombotic Therapy and Prevention of Thrombosis, 9th ed: American College of Chest Physicians Evidence-Based Clinical Practice Guidelines. Chest. 2012;141(2 suppl):e531S-e575S
- 11. Lansberg MG., O'Donnell MJ., Khatri P., et al. Antithrombotic and Thrombolytic Therapy for Ischemic Stroke: Antithrombotic Therapy and Prevention of Thrombosis, 9th ed: American College of Chest Physicians Evidence-Based Clinical Practice Guidelines. Chest. 2012;141(2\_suppl):e601S-e636S.
- 12. Bates SM., Greer IA., Middeldorp S., et al. VTE, Thrombophilia, Antithrombotic Therapy, and Pregnancy: Antithrombotic Therapy and Prevention of Thrombosis, 9th ed: American College of Chest Physicians Evidence-Based Clinical Practice Guidelines. Chest. 2012;141(2 suppl):e691S-e736S.
- 13. Guyatt GH, Norris SL, Schulman S, et al. Methodology for the development of antithrombotic therapy and prevention of thrombosis guidelines:
  Antithrombotic Therapy and Prevention of Thrombosis, 9th ed: American College of Chest Physicians Evidence-Based Clinical Practice Guidelines.
  Chest. 2012;141(2 Suppl):53S-70S.

Last Update: 12.1.2020, 12.4.2020, 3.1.2021, 5.11.2021, 6.28.2021, 8.1.2021, 9.13.2021, 10.1.2021, 12.17.2021, 1.9.2022, 2.1.2022, 2.17.2022, 2.28.2022, 3.11.2022, 4.5.2022, 4.7.2022, 4.26.2022,



14. Jaff MR, McMurtry MS, Archer SL, et al. Management of massive and submassive pulmonary embolism, iliofemoral deep vein thrombosis, and chronic thromboembolic pulmonary hypertension: a scientific statement from the American Heart Association [published correction appears in Circulation. 2012 Aug 14;126(7):e104] [published correction appears in Circulation. 2012 Mar 20;125(11):e495]. Circulation. 2011;123(16):1788-1830

#### vi Anticoagulants - Oral References

- 1. Xarelto® [package insert]. Titusville, NJ: Janssen Pharmaceuticals, Inc.; August 2021. <a href="http://www.janssenlabels.com/package-insert/product-monograph/prescribing-information/XARELTO-pi.pdf">http://www.janssenlabels.com/package-insert/product-monograph/prescribing-information/XARELTO-pi.pdf</a>. Accessed November 4, 2021.
- 2. Eliquis® [package insert]. Princeton, NJ: Bristol-Myers Squibb Company; April 2021. <a href="https://packageinserts.bms.com/pi/pi eliquis.pdf">https://packageinserts.bms.com/pi/pi eliquis.pdf</a>. Accessed November 4, 2021.
- 3. Pradaxa® [package insert]. Ridgefiled, CT: Boehringer Ingelheim Pharmaceuticals, Inc.; June 2021. <a href="https://docs.boehringer-ingelheim.com/Prescribing%20Information/Pls/Pradaxa/Pradaxa.pdf">https://docs.boehringer-ingelheim.com/Prescribing%20Information/Pls/Pradaxa/Pradaxa.pdf</a>. Accessed November 4, 2021.
- 4. Savaysa® [package insert]. Basking Ridge, NJ: Daiichi Sankyo, Inc.; March 2021. <a href="https://dsi.com/prescribing-information-portlet/getPlContent?productName=Savaysa&inline=true">https://dsi.com/prescribing-information-portlet/getPlContent?productName=Savaysa&inline=true</a>. Accessed November 4, 2021.
- 5. Oral Anticoagulants: Drug Class Review. Clinical Pharmacology [database online]. Tampa, FL: Gold Standard, Inc. 2021. Retrieved from https://www.clinicalkey.com/pharmacology/resources/overviews?id=1479109. Accessed November 4, 2021.
- 7. Lip GYH, Banjeree A, Boriani G, et al. Antithrombotic Therapy for Atrial Fibrillation: CHEST Guideline and Expert Panel Report. *Chest*. <a href="https://journal.chestnet.org/article/S0012-3692(18)32244-X/fulltext">https://journal.chestnet.org/article/S0012-3692(18)32244-X/fulltext</a>. Accessed July 20, 2020.
- 8. Kearon C, Akl EA, Ornelas J, et al. Antithrombotic Therapy for VTE Disease: CHEST Guideline and Expert Panel Report. *Chest*. https://journal.chestnet.org/article/S0012-3692(15)00335-9/fulltext. Accessed July 20, 2020.
- 9. Falck-Ytter Y, Francis CW, Johanson NA, et al. Prevention of VTE in Orthopedic Surgery Patients: Antithrombotic therapy and prevention of thrombosis, 9th ed: American College of Chest Physicians evidence-based clinical practice guidelines. Chest. 2012; 141(Suppl 2):e2788-e325S.
- 10. Streiff MB, Agnelli G, Connors JM, et al. Guidance for the Treatment of Deep Vein Thrombosis and Pulmonary Embolism. Journal of Thrombosis and Thrombolysis. <a href="https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4715858/">https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4715858/</a>. Accessed July 20, 2020.
- 11. Guyatt GH, Akl EA, Crowther M, et al. Executive summary: Antithrombotic therapy and prevention of thrombosis, 9th ed: American College of Chest Physicians Evidence-based Clinical Practice Guidelines. Chest. 2012; 141(Suppl 2):e7S-e47S.
- 12. Walter A, Gallus A, et al. Oral Anticoagulant Therapy: Antithrombotic Therapy and Prevention of Thrombosis, 9th ed: American College of Chest Physicians Evidence-Based Clinical Practice Guidelines. Chest. 2012; 141(Suppl 2): e44s-e88s..

#### vii Antihistamines

- XYZAL Levocetirizine dihydrochloride [package insert]. April 2016. Sanofi-Aventis U.S. LLC Bridgewater, NJ;
   <a href="https://gskpro.com/content/dam/global/hcpportal/en-NG/PDF/Home/Products/xyzal/xyzal\_prescribing\_information.pdf">https://gskpro.com/content/dam/global/hcpportal/en-NG/PDF/Home/Products/xyzal/xyzal\_prescribing\_information.pdf</a>. Accessed October 3, 2019.
- ALLEGRA (fexofenadine hydrochloride) [prescribing information]. 2003. Aventis Pharmaceuticals Inc. Kansas City, MO; https://www.accessdata.fda.gov/drugsatfda\_docs/label/2003/20786se8-014,20872se8-011,20625se8-012\_allegra\_lbl.pdf. Accessed October 3, 2019.

### viii Atypical Antipsychotics References

Last Üpdate: 12.1.2020, 12.4.2020, 3.1.2021, 5.11.2021, 6.28.2021, 8.1.2021, 9.13.2021, 10.1.2021, 12.17.2021, 1.9.2022, 2.1.2022, 2.17.2022, 2.28.2022, 3.11.2022, 4.5.2022, 4.7.2022, 4.26.2022,



- 1. Joffe RT. Refractory depression: Treatment Strategies, with Particular Reference to the Thyroid Axis. J Psychiatry Neurosci 1997;22:327-31.
- 2. <a href="https://www.ncbi.nlm.nih.gov/pmc/articles/PMC1188880/?page=5">https://www.ncbi.nlm.nih.gov/pmc/articles/PMC1188880/?page=5</a>. Accessed October 26, 2018.
- 3. Barowsky J, Schwartz TL. An Evidence-Based Approach to Augmentation and Combination Strategies for Treatment-Resistant Depression. Psychiatry (Edgmont). 2006;3:42-61. https://www.ncbi.nlm.nih.gov/pubmed/20975817. Accessed October 26, 2018.
- 4. Edwards SJ, Hamilton V, Nherera L, Trevor N. Lithium or an Atypical Antipsychotic Drug in the Management of Treatment-Resistant Depression: A Systematic Review and Economic Evaluation. Health Technol Assess. 2013 Nov;17(54):1-190. doi: 10.3310/hta17540. https://www.ncbi.nlm.nih.gov/pubmed/24284258. Accessed October 25, 2018.
- 5. Liothyronine. Clinical Pharmacology [Internet]. Tampa (FL): Elsevier. c2018-[cited 2018 October 24]. Available from: <a href="http://www.clinicalpharmacology-ip.com/Forms/Monograph/monograph.aspx?cpnum=1406&sec=monindi&t=0">http://www.clinicalpharmacology-ip.com/Forms/Monograph/monograph.aspx?cpnum=1406&sec=monindi&t=0</a>.
- 6. Unipolar depression in adults: Antidepressant doses.

  <a href="https://www.uptodate.com/contents/image?imageKey=PC%2F53818&topicKey=PSYCH%2F1725&search=major%20depressive%20disorder%20treadults://www.uptodate.com/contents/image?imageKey=PC%2F53818&topicKey=PSYCH%2F1725&search=major%20depressive%20disorder%20treadults:

  <a href="https://www.uptodate.com/contents/image?imageKey=PC%2F53818&topicKey=PSYCH%2F1725&search=major%20depressive%20disorder%20treadults:https://www.uptodate.com/contents/image?imageKey=PC%2F53818&topicKey=PSYCH%2F1725&search=major%20depressive%20disorder%20treadults:https://www.uptodate.com/contents/image?imageKey=PC%2F53818&topicKey=PSYCH%2F1725&search=major%20depressive%20disorder%20treadults:https://www.uptodate.com/contents/image?imageKey=PC%2F53818&topicKey=PSYCH%2F1725&search=major%20depressive%20disorder%20treadults:https://www.uptodate.com/contents/image?imageKey=PC%2F53818&topicKey=PSYCH%2F1725&search=major%20depressive%20disorder%20treadults:https://www.uptodate.com/contents/image?imageKey=PC%2F53818&topicKey=PSYCH%2F1725&search=major%20depressive%20disorder%20treadults:https://www.uptodate.com/contents/image?imageKey=PC%2F53818&topicKey=PSYCH%2F1725&search=major%20depressive%20disorder%20treadults:https://www.uptodate.com/contents/image?imageKey=PC%2F53818&topicKey=PSYCH%2F1725&search=major%20depressive%20disorder%20treadults:https://www.uptodate.com/contents/image?imageKey=PC%2F53818&topicKey=PSYCH%2F1725&search=major%20depressive%20disorder%20treadults:https://www.uptodate.com/contents/image?imageKey=PC%2F53818&topicKey=PSYCH%2F1725&search=major%20depressive%20disorder%20treadults:https://www.uptodate.com/contents/image?imageKey=PC%2F53818&topicKey=PSYCH%2F1725&search=major%20depressive%20disorder%20treadults:https://www.uptodate.com/contents/imageRey=PC%2F1725&search=major%20disorder%20treadults:https://www.uptodate.com/contents/imageRey=PC%2F1725&search=major%20disorder%20disorder%20disorder%20disorder%20disorder%20disorder%20disorder%20disorder%20disorder%20disorder%20disor
- 7. Nelson, C. (2018). Unipolar depression in adults: Treatment with second-generation antipsychotics, In D. Solomon, (Ed), UpToDate. Retrieved October 29, 2018, from <a href="https://www.uptodate.com/contents/unipolar-depression-in-adults-treatment-with-second-generation-antipsychotics">https://www.uptodate.com/contents/unipolar-depression-in-adults-treatment-with-second-generation-antipsychotics</a>.
- 8. Nelson, C. (2016). Selected adverse effects of antipsychotic medications for schizophrenia. In D. Solomon, (Ed), UpToDate. Retrieved October 29, 2018, from <a href="https://www.uptodate.com/contents/image?imageKey=PSYCH%2F82533&topicKey=PSYCH%2F14688&search=major%20depressive%20disorder%20treatment%20atypical%20antipsychotics&rank=3~150&source=see\_link.</a>
- 9. Simon, G. (2018). Unipolar major depression in adults: Choosing initial treatment, In D. Solomon, (Ed), UpToDate. Retrieved October 29, 2018, from <a href="https://www.uptodate.com/contents/unipolar-major-depression-in-adults-choosing-initial-treatment">https://www.uptodate.com/contents/unipolar-major-depression-in-adults-choosing-initial-treatment</a>.
- 10. Bonin, L. PhD, Moreland, S.C. (2017) Overview of prevention and treatment for pediatric depression, In D. Solomon, (Ed), UpToDate. Retrieved October 26, 2018 from https://www.uptodate.com/contents/overview-of-prevention-and-treatment-for-pediatric-depression.
- Hetrick SE, Cox GR, Witt KG, Bir JJ, Merry SN. Cognitive behavioural therapy (CBT), third-wave CBT and interpersonal therapy (IPT) based interventions
  for preventing depression in children and adolescents. Cochrane Database Syst Rev. 2016; <a href="https://www.ncbi.nlm.nih.gov/pubmed?term=27501438">https://www.ncbi.nlm.nih.gov/pubmed?term=27501438</a>.
  Accessed October 25, 2018.
- 12. Bonin, L. Moreland, S.C. (2017) Overview of prevention and treatment for pediatric depression, D. Solomon, (Ed), UpToDate. Retrieved October 25, 2018 from https://www.uptodate.com/contents/overview-of-prevention-and-treatment-for-pediatric-depression.
- 13. Skehan, B. Dvir, Y. Frazier, J. (2018) Approach to treating schizophrenia in children and adolescents, In R. Hermann, (Ed), UpToDate. Retrieved October 25, 2018 from <a href="https://www.uptodate.com/contents/approach-to-treating-schizophrenia-in-children-and-adolescents">https://www.uptodate.com/contents/approach-to-treating-schizophrenia-in-children-and-adolescents</a>.
- 14. Stroup, T.S., Marder, S. (2019) Pharmacotherapy for schizophrenia: Acute and maintenance phase treatment, In M.B. Stein (Ed), UpToDate. Retrieved March 27, 2020 from https://www.uptodate.com/contents/pharmacotherapy-for-schizophrenia-acute-and-maintenance-phase-treatment.

Last Update: 12.1.2020, 12.4.2020, 3.1.2021, 5.11.2021, 6.28.2021, 8.1.2021, 9.13.2021, 10.1.2021, 12.17.2021, 1.9.2022, 2.1.2022, 2.17.2022, 2.28.2022, 3.11.2022, 4.5.2022, 4.7.2022, 4.26.2022,



- 15. AACAP: American Academy of Child and Adolescent Psychiatry, Practice Parameter for the Use of Atypical Antipsychotic Medications in Children and Adolescents, <a href="http://www.aacap.org/App Themes/AACAP/docs/practice parameters/Atypical Antipsychotic Medications Web.pdf">http://www.aacap.org/App Themes/AACAP/docs/practice parameters/Atypical Antipsychotic Medications Web.pdf</a>. Updated August 2, 2001. Accessed October 25, 2018.
- 16. Axelson, D. (2016) Pediatric bipolar disorder: Overview of choosing treatment, In D. Solomon, (Ed), UpToDate. Retrieved October 26, 2018 from <a href="https://www.uptodate.com/contents/pediatric-bipolar-disorder-overview-of-choosing-treatment">https://www.uptodate.com/contents/pediatric-bipolar-disorder-overview-of-choosing-treatment</a>.
- 17. Weissman, L. Bridgemohan, C. (2018) Autism spectrum disorder in children and adolescents: Overview of management, In M.M. Torchia, (Ed). Retrieved October 26, 2018 from <a href="https://www.uptodate.com/contents/autism-spectrum-disorder-in-children-and-adolescents-overview-of-management">https://www.uptodate.com/contents/autism-spectrum-disorder-in-children-and-adolescents-overview-of-management</a>.
- 18. Weissman, L. Bridgemohan, C. (2018) Autism spectrum disorder in children and adolescents: Pharmacologic interventions, In M.M. Torchia, (Ed). UpToDate. Retrieved October 25, 2018 from <a href="https://www.uptodate.com/contents/autism-spectrum-disorder-in-children-and-adolescents-pharmacologic-interventions">https://www.uptodate.com/contents/autism-spectrum-disorder-in-children-and-adolescents-pharmacologic-interventions</a>.
- Weisman H, Qureshi IA, Leckman JF, Scahill L, Bloch MH. Systematic review: pharmacological treatment of tic disorders--efficacy of antipsychotic and alpha-2 adrenergic agonist agents. Neurosci Biobehav Rev 2013; 37:1162. <a href="https://www.ncbi.nlm.nih.gov/pubmed/23099282">https://www.ncbi.nlm.nih.gov/pubmed/23099282</a>. Accessed October 26, 2018.
- 20. Jankovic, J. (2018). Tourette syndrome In J.F. Dashe, (Ed), UpToDate, Retrieved October 26, 2018, <a href="https://www.uptodate.com/contents/tourette-syndrome">https://www.uptodate.com/contents/tourette-syndrome</a>.
- 21. Oral antipsychotics cost comparison in the United States, <a href="https://www.uptodate.com/contents/image?csi=64766a05-8fcf-4cc5-8ff0-d29c2a55e939&source=contentShare&imageKey=PSYCH%2F51828">https://www.uptodate.com/contents/image?csi=64766a05-8fcf-4cc5-8ff0-d29c2a55e939&source=contentShare&imageKey=PSYCH%2F51828</a>. Accessed October 26, 2018.
- 22. Quetiapine, Quetiapine ER [package insert]. AstraZeneca Pharmaceuticals, Wilmington, DE; June 2016. <a href="https://www.accessdata.fda.gov/drugsatfda.docs/label/2016/020639s064lbl.pdf">https://www.accessdata.fda.gov/drugsatfda.docs/label/2016/020639s064lbl.pdf</a>. Accessed January 15, 2020.
- 23. Risperidone [package insert]. Janssen Pharmaceuticals, Titusville, NJ 08560; January 2019. <a href="http://www.janssenlabels.com/package-insert/product-monograph/prescribing-information/RISPERDAL-pi.pdf">http://www.janssenlabels.com/package-insert/product-monograph/prescribing-information/RISPERDAL-pi.pdf</a>. Accessed January 15, 2020.
- 24. Olanzapine [package insert]. Eli Lilly and Company, Indianapolis, IN; October 2019. https://pi.lilly.com/us/zyprexa-pi.pdf. Accessed January 15, 2020.
- 25. Ziprasidone [package insert]. Pfizer Pharmaceutical, New York, NY; November 2018. <a href="http://labeling.pfizer.com/showlabeling.aspx?id=584">http://labeling.pfizer.com/showlabeling.aspx?id=584</a>. Accessed January 15, 2020.
- 26. Clozapine [package insert]. Novartis Pharmaceutical, East Hanover, NJ; September 2014.
  <a href="https://www.accessdata.fda.gov/drugsatfda.docs/label/2014/019758s073lbl.pdf">https://www.accessdata.fda.gov/drugsatfda.docs/label/2014/019758s073lbl.pdf</a>. Accessed January 15, 2020.
- 27. Aripiprazole [package insert]. Otsuka Pharmaceutical, Tokyo, Japan; August 2019. <a href="https://www.otsuka-us.com/media/static/Abilify-Pl.pdf">https://www.otsuka-us.com/media/static/Abilify-Pl.pdf</a>? <a href="qa=2.263756613.815626893.1575521511-1553507690.1575521511">qa=2.263756613.815626893.1575521511-1553507690.1575521511</a>. Accessed January 15, 2020.
- 28. Paliperidone ER [package insert]. Janssen, Division of Ortho-McNeil-Janssen Pharmaceuticals, Inc. Titusville, NJ; January 2019. <a href="http://www.janssenlabels.com/package-insert/product-monograph/prescribing-information/INVEGA-pi.pdf">http://www.janssenlabels.com/package-insert/product-monograph/prescribing-information/INVEGA-pi.pdf</a>. Accessed January 15, 2020.
- 29. Saphris® [package insert]. Allergan USA, Inc., Irvine, CA; January 2017. <a href="https://media.allergan.com/actavis/actavis/media/allergan-pdf-">https://media.allergan.com/actavis/actavis/media/allergan-pdf-</a>
  Last <a href="https://media.allergan.com/actavis/actavis/media/allergan-pdf-">https://media.allergan.com/actavis/acta



- 30. Latuda® [package insert]. Sunovion Pharmaceuticals Inc. Fort Lee, NJ; December 2019. <a href="https://www.latuda.com/LatudaPrescribingInformation.pdf">https://www.latuda.com/LatudaPrescribingInformation.pdf</a>. Accessed January 15, 2020.
- 31. Fanapt® [package insert]. Vanda Pharmaceuticals Inc. Washing, D.C.; February 2017. <a href="http://fanapt.com/product/pi/pdf/fanapt.pdf">http://fanapt.com/product/pi/pdf/fanapt.pdf</a>. Accessed January 15. 2020.
- 32. Rexulti® [package insert]. Otsuka Pharmaceutical Co., Ltd., Tokyo, Japan; February 2018. <a href="https://www.otsuka-us.com/media/static/Rexulti-Pl.pdf">https://www.otsuka-us.com/media/static/Rexulti-Pl.pdf</a>. Accessed January 15, 2020.
- 33. Vraylar [package insert]. Allergan USA, Inc., Madison, NJ; May 2019. <a href="https://www.accessdata.fda.gov/drugsatfda.docs/label/2015/204370lbl.pdf">https://www.accessdata.fda.gov/drugsatfda.docs/label/2015/204370lbl.pdf</a>. Accessed October 22, 2018.
- 34. Secuado® [package insert]. Noven Pharmaceutics, LLC. Miami, FL; Revised October 2019. https://dailymed.nlm.nih.gov/dailymed/drugInfo.cfm?setid=685eaf44-5944-4f38-afba-0a4fc0b3462b. Accessed March 27, 2020.
- 35. Jibson, M.D., (2020), Second-generation antipsychotic medications: Pharmacology, administration, and side effects, In S. Marder (Ed). UpToDate.

  Retrieved March 27, 2020 from <a href="https://www.uptodate.com/contents/second-generation-antipsychotic-medications-pharmacology-administration-and-side-effects">https://www.uptodate.com/contents/second-generation-antipsychotic-medications-pharmacology-administration-and-side-effects</a>.
- 36. Government of Canada, Drug Reaction with Eosinophilia and Systemic Symptoms (DRESS). April 10, 2018. <a href="https://www.canada.ca/en/health-canada/services/drugs-health-products/medeffect-canada/safety-reviews/atypical-antipsychotics-assessing-potential-risk-drug-reaction-eosinophilia-systemic-symptoms.html#fn3-0-rf. Accessed October 30, 2018.

### ix Atypical Antipsychotics Long-Acting Injectable References:

- Risperidal Consta® (risperidone) long-acting injection [package insert]. Titusville, NJ: Janssen Pharmaceuticals, Inc; Revised July 2018.
   http://www.janssenlabels.com/package-insert/product-monograph/prescribing-information/RISPERDAL+CONSTA-pi.pdf
   Accessed December 27, 2019
- Invega Sustenna® (paliperidone palmitate) extended-release injectable suspension, for intramuscular use [package insert]. Titusville, NJ: Janssen Pharmaceuticals, Inc; Revised January 2019. <a href="http://www.janssenlabels.com/package-insert/product-monograph/prescribing-information/INVEGA+SUSTENNA-pi.pdf">http://www.janssenlabels.com/package-insert/product-monograph/prescribing-information/INVEGA+SUSTENNA-pi.pdf</a>. Accessed December 27, 2019.
- 3. Abilify Maintena® (aripiprazole) for extended-release injectable suspension for intramuscular use [package insert]. Tokyo, Japan: Otsuka Pharmaceutical Co., Ltd.: Revised February 2019. <a href="https://www.otsuka-us.com/media/static/Abilify-M-Pl.pdf">https://www.otsuka-us.com/media/static/Abilify-M-Pl.pdf</a>? ga=2.256342729.317886867.1578672200-275231860.1578672200. Accessed December 27, 2019.
- 4. Zyprexa Relprevv® (olanzapine) for extended-release injectable suspension [package insert]. Indianapolis, IN: Lilly USA, LLC: Revised October 2019. <a href="http://pi.lilly.com/us/zyprexa">http://pi.lilly.com/us/zyprexa</a> relprevv.pdf. Accessed January 10, 2020.
- 5. Aristada® (aripiprazole lauroxil) extended-release intramuscular suspension [package insert]. Waltham, MA: Alkermes, Inc; Revised October 2019. <a href="https://www.aristada.com/downloadables/ARISTADA-Pl.pdf">https://www.aristada.com/downloadables/ARISTADA-Pl.pdf</a>. Accessed January 10, 2020.
- 6. Aristada Initio® (aripiprazole lauroxil) extended-release intramuscular suspension [package insert]. Waltham, MA: Alkermes, Inc; Revised August 2019. https://www.aristada.com/downloadables/ARISTADA-INITIO-PI.pdf. Accessed January 10, 2020.

Last Update: 12.1.2020, 12.4.2020, 3.1.2021, 5.11.2021, 6.28.2021, 8.1.2021, 9.13.2021, 10.1.2021, 12.17.2021, 1.9.2022, 2.1.2022, 2.17.2022, 2.28.2022, 3.11.2022, 4.5.2022, 4.7.2022, 4.26.2022,



- 7. Invega Trinza® (paliperidone palmitate) extended-release injectable suspension for intramuscular use [package insert]. Titusville, NJ: Janssen Pharmaceuticals, Inc.; Revised January 2019. <a href="http://www.janssenlabels.com/package-insert/product-monograph/prescribing-information/INVEGA+TRINZA-pi.pdf">http://www.janssenlabels.com/package-insert/product-monograph/prescribing-information/INVEGA+TRINZA-pi.pdf</a>. Accessed January 10, 2020.
- 8. Perseris™ (risperidone) for extended-release injectable suspension for subcutaneous use [package insert]. North Chesterfield, VA. Indivior Inc; Revised September 2019. https://www.perserishcp.com/prescribing-information.pdf. Accessed January 10, 2020.
- 9. Kishimoto T, Robenzadeh A, Leucht C, et al. Long-acting injectable vs oral antipsychotics for relapse prevention in schizophrenia: a meta-analysis of randomized trials. Schizophr Bull. 2014; 40 (1):192-213.
- 10. Lauriello, J., Campbell, A.R., (2019). Pharmacotherapy for schizophrenia: Long-acting injectable antipsychotic drugs. In S. Marder (Ed.), *UpToDate*. Retrieved December 19, 2019 from <a href="https://www.uptodate.com/contents/pharmacotherapy-for-schizophrenia-long-acting-injectable-antipsychotic-drugs">https://www.uptodate.com/contents/pharmacotherapy-for-schizophrenia-long-acting-injectable-antipsychotic-drugs</a>.
- 11. Llorca PM, Abbar M, Courtet P, Guillaume S, Lancrenon S, Samalin L. Guidelines for the use and management of long-acting injectable antipsychotics in serious mental illness. BMC Psychiatry. 2013;13: 340.

#### X Balversa References:

- 1. Balversa® [package insert]. Horsham, PA: Janssen Product, LP; Revised April 2020. <a href="http://www.janssenlabels.com/package-insert/product-monograph/prescribing-information/BALVERSA-pi.pdf">http://www.janssenlabels.com/package-insert/product-monograph/prescribing-information/BALVERSA-pi.pdf</a>. Accessed April 21, 2020.
- 2. National Comprehensive Cancer Network (NCCN). NCCN Clinical Practice Guidelines in Oncology: Bladder Cancer. Version 3.2020. 2020 Jan 17; National Comprehensive Cancer Network. Available from: <a href="https://www.nccn.org/professionals/physician\_gls/pdf/bladder.pdf">https://www.nccn.org/professionals/physician\_gls/pdf/bladder.pdf</a>. Accessed April 21, 2020.

### xi Diclegis & Bonjesta References

- 1. Nausea and vomiting of pregnancy. Practice Bulletin No. 189. American College of Obstetricians and Gynecologists. Obstet Gynecol 2018; 131(1):e15-e30. https://journals.lww.com/greenjournal/Fulltext/2018/01000/ACOG\_Practice\_Bulletin\_No\_189\_\_\_Nausea\_And.39.aspx
- 2. Diclegis® (doxylamine succinate and pyridoxine hydrochloride). [Prescribing Information]. Bryn Mawr, PA. Duchesnay Inc; Revised September 2018.
- 3. Bonjesta® (doxylamine succinate and pyridoxine hydrochloride). [Prescribing Information]. Bryn Mawr, PA. Duchesnay Inc; Revised June 2018.
- 4. Gold Standard, Inc. Diclegis. Clinical Pharmacology [database online]. Available at: http://www.clinicalpharmacology.com. Accessed October 15, 2019.
- 5. Gold Standard, Inc. Bonjesta. Clinical Pharmacology [database online]. Available at: http://www.clinicalpharmacology.com. Accessed October 15,<sup>t</sup>, 2019.
- 6. Facts & Comparisons eAnswers. Drug Facts and Comparisons. Indianapolis, IN: Wolters Kluwer Health; 2013. http://online.factsandcomparisons.com/. Accessed October 15, 2019

#### xii Cablivi

- Cablivi [package insert]. Genzyme Corporation. Cambridge, MA 02142. February 2019
- 2. Clinical Pharmacology® Gold Standard Series [Internet database]. Tampa FL. Elsevier 2019. Updated periodically
- 3. George JN et al. Acquired TTP: Clinical manifestations and diagnosis. Post TW, ed. UpToDate. Waltham, MA: UpToDate Inc. https://www.uptodate.com.
- 7. Accessed on May 9, 2019.
- 6. National Heart, Lung, and Blood Institute. U.S. Department of Health & Human Services. Available at <a href="https://www.nhlbi.nih.gov/health-topics/thrombotic-thrombocytopenic-purpura">https://www.nhlbi.nih.gov/health-topics/thrombotic-thrombocytopenic-purpura</a>. Accessed September 11, 2019

Last Update: 12.1.2020, 12.4.2020, 3.1.2021, 5.11.2021, 6.28.2021, 8.1.2021, 9.13.2021, 10.1.2021, 12.17.2021, 1.9.2022, 2.1.2022, 2.17.2022, 2.28.2022, 3.11.2022, 4.5.2022, 4.7.2022, 4.26.2022,



- 7. Scully M et al., Caplacizumab Treatment for Acquired Thrombotic Thrombocytopenic Purpura. NEJM. 2019;380:335-346. Available at <a href="https://www.nejm.org/doi/10.1056/NEJMoa1806311">https://www.nejm.org/doi/10.1056/NEJMoa1806311</a>. Accessed September 11, 2019.
- 8. Coppo P, Schwarzinger M, Buffet M, et al. Predictive features of severe acquired ADAMTS13 deficiency in idiopathic thrombotic microangiopathies: the French TMA Reference Center experience. PLoS One 2010;5(4):e10208-e10208.

### xiii Calcipotriene References

- Calcipotriene 0.005% Cream [package insert]. Mahwah, NJ: Glenmark Pharmaceuticals Ltd; Revised December 2018. <a href="https://dailymed.nlm.nih.gov/dailymed/lookup.cfm?setid=1bc020e0-b5ae-4cda-aa5b-87fa0452a6bc">https://dailymed.nlm.nih.gov/dailymed/lookup.cfm?setid=1bc020e0-b5ae-4cda-aa5b-87fa0452a6bc</a>. Accessed March 2, 2020.
- Feldman, S.R. (2019) Treatment of psoriasis in adults. In R.P. Dellavalle (Ed.), UpToDate. Retrieved May 20, 2021 from: https://www.uptodate.com/contents/treatment-of-psoriasis-in-adults.

#### xiv Calcitonin Gene-Related Peptide (CGRP) Receptor Agents References

- Aimovig® [package insert]. Amgen Inc. Thousand Oaks, CA 91320-1799; Revised May 2021. <a href="https://www.pi.amgen.com/~/media/amgen/repositorysites/pi-amgen-com/aimovig/aimovig\_pi\_hcp\_english.ashx.Accessed October 11, 2021">https://www.pi.amgen.com/~/media/amgen/repositorysites/pi-amgen-com/aimovig\_aimovig\_pi\_hcp\_english.ashx.Accessed October 11, 2021</a>
- 2. Emgality® [package insert]. Indianapolis, IN: Eli Lilly and Company; Revised December 2019. <a href="http://uspl.lilly.com/emgality/emgality.html#pi.Accessed">http://uspl.lilly.com/emgality/emgality.html#pi.Accessed</a> October 11, 2021.
- 3. Ajovy® [package insert]. North Wales, PA: Teva Pharmaceuticals USA, Inc; Revised June 2021. https://www.ajovy.com/globalassets/ajovy/ajovy-pi.pdf. Accessed October 11, 2021.
- Vyepti™ [package insert]. Lundbeck Seattle Pharmaceuticals, Inc; Revised February 2020. https://www.lundbeck.com/upload/us/files/pdf/Products/Vyepti PI US EN.pdf. Accessed October 11, 2021.
- 5. Ubrelvy™ [package insert]. Allergan USA, Inc; Revised March 2021. https://media.allergan.com/products/Ubrelvy\_pi.pdf. Accessed October 11, 2021.
- 6. Nurtec™ ODT [package insert]. Biohaven Pharmaceuticals Inc; Revised May 2021. https://www.nurtec.com/pi. Accessed October 11, 2021.
- 7. Qulipta [prescribing information]. Forest Laboratories; Revised October 2021. https://www.rxabbvie.com/pdf/qulipta\_pi.pdf. Accessed October 11, 2021
- 8. E.W. Loder and M.S. Robbins. Monoclonal antibodies for migraine prevention: Progress, but not a panacea. JAMA. Vol. 319, August 15, 2019, p.1985. doi: 10.1001/jama.2018.4852. https://www.ncbi.nlm.nih.gov/pubmed/29800193
- 9. L.H. Lassen et al. CGRP may play a causative role in migraine. Cephalalgia. Vol. 22, February 1, 2002, p. 54. doi:10.1046/j. 1468-2982.2002.00310.x http://iournals.sagepub.com/doi/abs/10.1046/j.1468-2982.2002.00310.x?iournalCode=cepa
- 10. Smith, J.H., (2021). Preventive treatment of episodic migraine in adults, In J.W. Swanson (Ed.), UpToDate. Retrieved October 11, 2021 from <a href="https://www.uptodate.com/contents/preventive-treatment-of-episodic-migraine-in-adults">https://www.uptodate.com/contents/preventive-treatment-of-episodic-migraine-in-adults</a>
- 11. May, A. Cluster Headache: Treatment and Prognosis. Waltham, MA. UpToDate. Last Modified February 25, 2021. https://www.uptodate.com/contents/cluster-headache-treatment-and-prognosis. Accessed July 7, 2021.
- 12. Smith, J.H. (2020). Acute treatment of migraine in adults. In J.W. Swanson (Ed.), UpToDate. Retrieved March 25, 2020 from: <a href="https://www.uptodate.com/contents/acute-treatment-of-migraine-in-adults">https://www.uptodate.com/contents/acute-treatment-of-migraine-in-adults</a>.
- 13. Headaches in over 12s: diagnosis and management. National Institute for Health and Care Excellence (NICE). Last updated May 12, 2021. https://www.nice.org.uk/quidance/cg150. Accessed July 9, 2021.
- 14. (2019), The American Headache Society Position Statement on Integrating New Migraine Treatments into Clinical Practice. Headache: The Journal of Head and Face Pain, 59: 1-18, doi:10.1111/head.13456.

#### xv Xeloda References

1. Xeloda® [capecitabine] prescribing information. South San Francisco, CA: Genentech, Inc. Revised February 2019.

https://www.gene.com/download/pdf/xeloda.prescribing.pdf, Accessed May 21, 2021, 12.17.2021, 1.9.2022, 2.17.2022, 2.17.2022, 3.11.2021, 6.28.2021, 8.1.2021, 9.13.2021, 10.1.2021, 12.17.2021, 1.9.2022, 2.12.022, 2.17.2022, 2.28.2022, 3.11.2022, 4.5.2022, 4.7.2022, 4.26.2022,



- 2. National Comprehensive Cancer Network (NCCN). *Clinical Practice Guideline in Oncology. Colon Cancer* version 2.2021 January 21, 2021; National Comprehensive Care Network. Available from <a href="https://www.nccn.org/professionals/physician\_gls/pdf/colon.pdf">https://www.nccn.org/professionals/physician\_gls/pdf/colon.pdf</a> . Accessed May 21, 2021.
- 3. National Comprehensive Cancer Network (NCCN). Clinical Practice Guideline in Oncology. Rectal Cancer version 1.2021 December 22, 2020; National Comprehensive Care Network. Available from <a href="https://www.nccn.org/professionals/physician\_gls/pdf/rectal.pdf">https://www.nccn.org/professionals/physician\_gls/pdf/rectal.pdf</a>. Accessed May 20, 2021.
- 4. National Comprehensive Cancer Network (NCCN). Clinical Practice Guideline in Oncology. Pancreatic Adenocarcinoma version 2.2021 February 25, 2021; National Comprehensive Care Network. Available from <a href="https://www.nccn.org/professionals/physician\_gls/pdf/pancreatic.pdf">https://www.nccn.org/professionals/physician\_gls/pdf/pancreatic.pdf</a>. Accessed May 20, 2021.
- 5. National Comprehensive Cancer Network (NCCN). *Clinical Practice Guideline in Oncology. Breast Cancer* version 4.2021 April 28, 2021; National Comprehensive Care Network. Available from: <a href="https://www.nccn.org/professionals/physician\_gls/pdf/breast.pdf">https://www.nccn.org/professionals/physician\_gls/pdf/breast.pdf</a>. Accessed January 30, 2020.
- National Comprehensive Cancer Network (NCCN). Clinical Practice Guideline in Oncology. Esophageal and Esophagogastric Junction Cancers Version 2. 2021 - March 9, 2021; National Comprehensive Cancer Network. Available from: <a href="https://www.nccn.org/professionals/physician\_gls/pdf/esophageal.pdf">https://www.nccn.org/professionals/physician\_gls/pdf/esophageal.pdf</a>. Accessed May 21, 2021.
- 7. National Comprehensive Cancer Network (NCCN). Clinical Practice Guideline in Oncology. Gastric Cancer version 2.2021 March 9, 2021; National Comprehensive Cancer Network. Available from: <a href="https://www.nccn.org/professionals/physician\_gls/pdf/gastric.pdf">https://www.nccn.org/professionals/physician\_gls/pdf/gastric.pdf</a>. Accessed May 24, 2021
- 8. National Comprehensive Cancer Network (NCCN). Clinical Practice Guideline in Oncology. Head and Neck Cancers version 3.2021 April 27, 2021; National Comprehensive Cancer Network. Available from: <a href="https://www.nccn.org/professionals/physician-gls/pdf/head-and-neck.pdf">https://www.nccn.org/professionals/physician-gls/pdf/head-and-neck.pdf</a>. Accessed May 24, 2021.
- 9. National Comprehensive Cancer Network (NCCN). Clinical Practice Guideline in Oncology. Hepatobiliary Cancers version 2.2021 April 16, 2021; National Comprehensive Cancer Network. Available from: <a href="https://www.nccn.org/professionals/physician\_gls/pdf/hepatobiliary.pdf">https://www.nccn.org/professionals/physician\_gls/pdf/hepatobiliary.pdf</a>. Accessed May 24, 2021.
- 10. National Comprehensive Cancer Network (NCCN). Clinical Practice Guideline in Oncology: Neuroendocrine and Adrenal Tumors version 1.2021 April 14, 2021; National Comprehensive Care Network. Available from <a href="https://www.nccn.org/professionals/physician\_gls/pdf/neuroendocrine.pdf">https://www.nccn.org/professionals/physician\_gls/pdf/neuroendocrine.pdf</a>. Accessed May 24, 2021.
- 11. National Comprehensive Cancer Network (NCCN). Clinical Practice Guideline in Oncology. Occult Primary version 2.2021 February 8, 2021;
  National Comprehensive Cancer Network. Available from: <a href="https://www.nccn.org/professionals/physician\_gls/pdf/occult.pdf">https://www.nccn.org/professionals/physician\_gls/pdf/occult.pdf</a>. Accessed May 24, 2021.
- 12. National Comprehensive Cancer Network (NCCN). Clinical Practice Guideline in Oncology. Ovarian Cancer version 1.2021 February 26, 2021;
  National Comprehensive Cancer Network. Available from: <a href="https://www.nccn.org/professionals/physician\_gls/pdf/ovarian.pdf">https://www.nccn.org/professionals/physician\_gls/pdf/ovarian.pdf</a>. Accessed May 24, 2021.
- 13. National Comprehensive Cancer Network (NCCN). *Clinical Practice Guideline in Oncology. Penile Cancer version 1.2021 January 13, 2021*; National Comprehensive Cancer Network. Available from: <a href="https://www.nccn.org/professionals/physician\_gls/pdf/penile.pdf">https://www.nccn.org/professionals/physician\_gls/pdf/penile.pdf</a>. Accessed May 24, 2021.
- 14. National Comprehensive Cancer Network (NCCN). Clinical Practice Guideline in Oncology. Kidney Cancer version 4.2021 April 19, 2021; National Comprehensive Cancer Network. Available from: <a href="https://www.nccn.org/professionals/physician\_gls/pdf/kidney.pdf">https://www.nccn.org/professionals/physician\_gls/pdf/kidney.pdf</a> . Accessed May 24, 2021.

#### xvi Celecoxib References

1. Celebrex® [package insert]. New York, NY: Pfizer Revised April 2021.

http://labeling.pfizer.com/ShowLabeling.aspx?format=PDF&id=793.Accessed May 24, 2021. Last Update: 12.1.2020, 12.4.2020, 3.1.2021, 5.11.2021, 6.28.2021, 8.1.2021, 9.13.2021, 10.1.2021, 12.17.2021, 1.9.2022, 2.12022, 2.17.2022, 2.28.2022, 3.11.2022, 4.5.2022, 4.7.2022, 4.26.2022,



- 2. Solomon, D.H. (2019) Overview of selective COX-2 selective NSAIDs. In D.E. Furst (Ed.), *UpToDate*. Retrieved from: https://www.uptodate.com/contents/overview-of-cox-2-selective-nsaids. Accessed May 24, 2021.
- 3. Feldman, M. (2019) COX-2 inhibitors and gastroduodenal toxicity: Major clinical trials. J.T. Lamont (Ed.), *UpToDate*. Retrieved from: <a href="https://www.uptodate.com/contents/cox-2-inhibitors-and-gastroduodenal-toxicity-major-clinical-trials">https://www.uptodate.com/contents/cox-2-inhibitors-and-gastroduodenal-toxicity-major-clinical-trials</a>. Accessed May 24, 2021.

#### xvii CNS Stimulant References:

- Vyvanse® [package insert]. Lexington, MA: Shire Pharmaceuticals; Revised January 1,2018. http://pi.shirecontent.com/PI/PDFs/Vyvanse USA ENG.pdf. Accessed January 16, 2020.
- 2. American Psychiatric Association: Diagnostic and Statistical Manual of Mental Disorders, 5th Edition. Arlington, VA, American Psychiatric Association, 2013.
- 3. Mao AR, Findling RL. Comorbidities in adult attention-deficit/hyperactivity disorder: a practical guide to diagnosis in primary care. Postgrad Med. 2014 Sep;126(5):42-51. doi: 10.3810/pgm.2014.09.2799. Review. PubMed PMID: 25295649.
- 4. Post RE, Kurlansik SL. Diagnosis and Management of Attention-Deficit/Hyperactivity Disorder in Adults. Am Fam Physician. 2012;85(9):890-896.
- 5. American Academy of Pediatrics. ADHD: Clinical practice guideline for the diagnosis, evaluation, and treatment of attention-deficit/hyperactivity disorder in children and adolescents. Pediatrics.2011;128;1007-1028;
- 6. National Eating Disorder Foundation. https://www.nationaleatingdisorders.org/binge-eating-disorder. Accessed January 2, 2018.
- 7. APA: American Psychiatric Association. Practice Guideline for the Treatment of Patients with Eating Disorders. http://psychiatryonline.org/pb/assets/raw/sitewide/practice\_guidelines/guidelines/eatingdisorders.pdf. Third Edition. Accessed January 2, 2018.
- 8. Bukstein, O. (2018). Attention deficit hyperactivity disorder in adults: Epidemiology, pathogenesis, clinical features, course, assessment, and diagnosis. In D. Brent (Ed.), *UpToDate*. Retrieved November 8, 2018, from <a href="https://www.uptodate.com/contents/attention-deficit-hyperactivity-disorder-in-adults-epidemiology-pathogenesis-clinical-features-course-assessment-and-diagnosis.">https://www.uptodate.com/contents/attention-deficit-hyperactivity-disorder-in-adults-epidemiology-pathogenesis-clinical-features-course-assessment-and-diagnosis.</a>
- 9. Bukstein, O. (2019). Pharmacotherapy for adult attention deficit hyperactivity disorder. In D. Brent (Ed.), *UpToDate*. Retrieved December 23, 2019, from https://www.uptodate.com/contents/pharmacotherapy-for-adult-attention-deficit-hyperactivity-disorder.
- 10. Sysko, R., & Devlin, M. (2019). Binge eating disorder in adults: Overview of treatment. In J. Yager (Ed.), *UpToDate*. Retrieved December 23, 2019, from <a href="https://www.uptodate.com/contents/binge-eating-disorder-in-adults-overview-of-treatment">https://www.uptodate.com/contents/binge-eating-disorder-in-adults-overview-of-treatment</a>.
- 11. Wolraich ML, Hagan, JF, Allan, C, et al, American academy of Pediatrics, Clinical Practice Guideline for the Diagnosis, Evaluation, and Treatment of Attention-Deficit/Hyperactivity Disorder in Children and Adolescents. Pediatrics Volume 144, number 4, October 2019: e20192528. https://pediatrics.aappublications.org/content/pediatrics/144/4/e20192528.full.pdf

### xviii Chantix References

- 1. Chantix® [package insert]. Pfizer Labs, Division of Pfizer Inc, New York, NY; February 2019 <a href="http://labeling.pfizer.com/showlabeling.aspx?id=557">http://labeling.pfizer.com/showlabeling.aspx?id=557</a>. Accessed May 24, 2021.
- Fiore MC, Jaen CR, et al. Treating Tobacco Use and Dependence: 2008 Update. <a href="https://www.ncbi.nlm.nih.gov/books/NBK63952/">https://www.ncbi.nlm.nih.gov/books/NBK63952/</a>. Accessed May 24, 2021
- Rigotti, NA. Pharmacotherapy for Smoking Cessation in Adults. Waltham, MA. UpToDate. Last modified March 9, 2021.
   https://www.uptodate.com/contents/pharmacotherapy-for-smoking-cessation-in-adults?sectionName=INITIAL%20THERAPY%20SELECTION&topicRef=16634&anchor=H1366482022&source=see link#H2153241934.
   Accessed May 24, 2021.

Last Update: 12.1.2020, 12.4.2020, 3.1.2021, 5.11.2021, 6.28.2021, 8.1.2021, 9.13.2021, 10.1.2021, 12.17.2021, 1.9.2022, 2.1.2022, 2.17.2022, 2.28.2022, 3.11.2022, 4.5.2022, 4.7.2022, 4.26.2022,



4. Clinical Pharmacology [database online]. Tampa, FL: Gold Standard, Inc.; Retrieved from <a href="http://www.clinicalpharmacology-ip.com/Forms/drugoptions.aspx?cpnum=3503&n=Chantix&t=0">http://www.clinicalpharmacology-ip.com/Forms/drugoptions.aspx?cpnum=3503&n=Chantix&t=0</a>. Accessed March 23, 2020.

#### xix Sensipar References

- Sensipar® [package insert]. Thousand Oaks, CA: Amgen Inc.; Revised December 2019. https://www.pi.amgen.com/~/media/amgen/repositorysites/pi-amgen-com/sensipar/sensipar pi\_hcp\_english.pdf. Accessed May 24, 2021.
- 2. KDIGO 2017 Clinical Practice Guideline Update for the Diagnosis, Evaluation, Prevention, and Treatment of Chronic Kidney Disease-Mineral and Bone Disorder (CKD-MBD). *Kidney International Supplements (2017) 7, 1*–59 1.
  - 3. Quarles, L.D., & Berkoben, M. (2018). Management of secondary hyperparathyroidism in adult dialysis patients. In S. Goldfarb (Ed.), *UpToDate*. Retrieved May 24, 2021, from: <a href="https://www.uptodate.com/contents/management-of-secondary-hyperparathyroidism-in-adult-dialysis-patients">https://www.uptodate.com/contents/management-of-secondary-hyperparathyroidism-in-adult-dialysis-patients</a>.

### xx Continuous Glucose Monitoring System References:

- American diabetes association, checking your blood pressure, http://www.diabetes.org/living-with-diabetes/treatment-and-care/blood-glucosecontrol/checking-your-blood-glucose.html Accessed May 22, 2019
- 2. American Diabetes Association. Standards of Medical Care in Diabetes 2019. Diabetes Care. January 2019, 42(Supplement 1). https://professional.diabetes.org/content-page/practice-guidelines-resources. Accessed July 2, 2019.
- 3. Dexcom CGM. Dexcom. https://s3-us-west-2.amazonaws.com/dexcompdf/G6-CGM-Users-Guide.pdf Accessed July 3, 2019.
- 4. American Diabetes Association Diabetes Care 2019 Jan; 42(Supplement 1): S71-S80. <a href="https://care.diabetesjournals.org/content/42/Supplement 1/S71">https://care.diabetesjournals.org/content/42/Supplement 1/S71</a>
  Accessed April 10, 2020

### <sup>xxi</sup> Constipation Agents References

- Movantik® [package insert]. Wilmington, DE: AstraZeneca Pharmaceuticals LP; April 2020. https://www.movantik.com/pdf/MovantikPrescribingInformation.pdf. Accessed May 24, 2021.
- 2. Symproic [package insert]. Osaka, Japan: Shionogi & Co., Ltd; Revised May 2020. <a href="https://www.symproic.com/docs/symproic-Pl.pdf">https://www.symproic.com/docs/symproic-Pl.pdf</a>. Accessed May 3, 2021.
- 3. Linzess [package insert]. Cambridge, MA: Ironwood Pharmaceuticals, Revised April 2021. <a href="https://media.allergan.com/actavis/actavis/media/allergan-pdf-documents/product-prescribing/Final labeling text 10-2018-AR-updates-LINZESS-clean.pdf">https://media.allergan.com/actavis/actavis/media/allergan-pdf-documents/product-prescribing/Final labeling text 10-2018-AR-updates-LINZESS-clean.pdf</a>. Accessed May 3, 2021.
- Amitiza [package insert]. Deerfield, IL; Takeda Pharmaceuticals America; Revised November 2012; https://www.accessdata.fda.gov/drugsatfda\_docs/label/2012/021908s010lbl.pdf. Accessed May 3, 2021.
- 5. Clinical Pharmacology. <a href="http://www.clinicalpharmacology-ip.com/Default.aspx">http://www.clinicalpharmacology-ip.com/Default.aspx</a>. Accessed February 20, 2019.
- 6. Crockett SD, Greer KB, et al. American Gastroenterological Association Institute Guideline on the Medical Management of Opioid-Induced Constipation. https://www.gastrojournal.org/article/S0016-5085(18)34782-6/fulltext. Accessed May 3, 2021.
- 7. Bruner HC, Atayee RS, Edmonds KP, Buckholz GT. Clinical Utility of Naloxegol in the Treatment of Opioid-induced Constipation. Journal of Pain Research. <a href="https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4472065/">https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4472065/</a>. Accessed February 20, 2019.
- 8. Management of chronic constipation in adults. UpToDate <a href="https://www.uptodate.com/contents/management-of-chronic-constipation-in-adults?search=chronic%20idiopathic%20constipation&source=search\_result&selectedTitle=1~150&usage\_type=default&display\_rank=1#H30891058</a>
- 9. Treatment of irritable bowel syndrome in adults. UpToDate. <a href="https://www.uptodate.com/contents/treatment-of-irritable-bowel-syndrome-in-data.com/con

adults?search=linzess&source=search\_result&selectedTitle=3~13&usage\_type=default&display\_rank=2 Last Update: 12.1.2020, 12.4.2020, 3.1.2021, 5.11.2021, 6.28.2021, 8.1.2021, 9.13.2021, 10.1.2021, 12.17.2021, 1.9.2022, 2.12022, 2.17.2022, 2.28.2022, 3.11.2022, 4.5.2022, 4.7.2022, 4.26.2022,



- 10. The American Society of Colon and Rectal Surgeons' Clinical Practice Guideline for the Evaluation and Management of Constipation. Dis Colon Rectum 2016;59:479-492. http://fascrs.org/ascrs/media/files/downloads/Clinical%20Practice%20Guidelines/clinical practice guideline for constipation.pdf
- 11. American Gastroenterological Association Medical Position Statement on Constipation. Gastroenterology 2013;144:211-217. https://www.gastrojournal.org/article/S0016-5085(12)01545-4/pdf
- 12. American College of Gastroenterology Monograph on Management of Irritable Bowel Syndrome. Am J Gastroenterol (2018) 113:1-18 https://journals.lww.com/ajg/Fulltext/2018/06002/American College of Gastroenterology Monograph on 1.aspx
- 13. American Gastroenterological Association Institute Guideline on the Pharmacological Management of Irritable Bowel Syndrome. Gastroenterology 2014;147:1146–1148. <a href="https://www.gastrojournal.org/article/S0016-5085(14)01090-7/pdf">https://www.gastrojournal.org/article/S0016-5085(14)01090-7/pdf</a>
- 14. NICE guidelines 2017: Irritable bowel syndrome in adults: diagnosis and management. www.nice.org.uk/guidance/cg61/chapter/1-Recommendations#pharmacological-therapy
- 15. World Gastroenterology Organization Global Guidelines. Irritable Bowel Syndrome: A Global Perspective. Sept 2015 https://www.worldgastroenterology.org/UserFiles/file/guidelines/irritable-bowel-syndrome-english-2015.pdf

#### xxii Corlanor References

- Yancy CW et al. 2017 ACC/AHA/HFSA Focused Update of the 2013 ACCF/AHA Guideline for the Management of Heart Failure Circulation: 2017. <a href="http://www.onlinejacc.org/content/accj/70/6/776.full.pdf">http://www.onlinejacc.org/content/accj/70/6/776.full.pdf</a>? ga=2.179733604.1964533065.1574204551-936785029.1560984365. Accessed November 19, 2019.
- 2. Corlanor (ivabradine) [package insert]. Thousand Oaks, CA; Amgen Inc.; Revised April, 2019. Retrieved from <a href="https://www.pi.amgen.com/~/media/amgen/repositorysites/pi-amgen-com/corlanor/corlanor pi.pdf">https://www.pi.amgen.com/~/media/amgen/repositorysites/pi-amgen-com/corlanor/corlanor pi.pdf</a>. Accessed November 19, 2019.
- 3. Corlanor. Clinical Pharmacology [Internet]. Tampa (FL): Elsevier.c2018 [cited 2018 October 29] Available from: http://www.clinicalpharmacology.com

### xxiii Cystic Fibrosis Medications References

- Pulmozyme [package insert]. San Francisco, CA: Genentech, Inc; 2014, <a href="https://www.accessdata.fda.gov/drugsatfda">https://www.accessdata.fda.gov/drugsatfda</a> docs/label/2014/103532s5175lbl.pdf, Accessed July 25, 2018.
- Tobi Podhaler [package insert]. East Hanover, NJ: Novartis Pharmaceuticals Corporation; 2015, <a href="https://www.pharma.us.novartis.com/sites/www.pharma.us.novartis.com/files/tobipodhaler.pdf">https://www.pharma.us.novartis.com/sites/www.pharma.us.novartis.com/files/tobipodhaler.pdf</a>, Accessed August 1, 2018.
- Tobi-tobramycin solution [package insert]. East Hanover, NJ: Novartis Pharmaceuticals Corporation; 2015, <a href="https://www.pharma.us.novartis.com/sites/www.pharma.us.novartis.com/files/tobi.pdf">https://www.pharma.us.novartis.com/sites/www.pharma.us.novartis.com/sites/www.pharma.us.novartis.com/files/tobi.pdf</a>, Accessed July 26, 2018.
- 2. Bethkis tobramycin solution [package insert]. Cary, NC: Chiesi USA, Inc. 2012, https://www.accessdata.fda.gov/drugsatfda\_docs/label/2012/201820s000lbl.pdf, Accessed August 1, 2018.
- Kitabis tobramycin solution [package insert]. Woodstock, IL: Catalent Pharma Solutions, LLC. 2014, <a href="https://www.accessdata.fda.gov/drugsatfda">https://www.accessdata.fda.gov/drugsatfda</a> docs/label/2014/205433s000lbl.pdf, Accessed August 1, 2018.
- Cayston [package insert]. Foster City, CA: Gilead Sciences, Inc; 2012, <a href="https://www.accessdata.fda.gov/drugsatfda">https://www.accessdata.fda.gov/drugsatfda</a> docs/label/2012/050814s007lbl.pdf, Accessed July 25, 2018.
- Kalydeco [package insert]. ]. Boston, MA: Vertex Pharmaceuticals Incorporated; 2017, <a href="https://www.accessdata.fda.gov/drugsatfda">https://www.accessdata.fda.gov/drugsatfda</a> docs/label/2017/203188s026,207925 s005lbl.pdf, Accessed on August 7, 2018.
- Orkambi [package insert]. Boston, MA: Vertex Pharmaceuticals Inc; 2015, <a href="https://www.accessdata.fda.gov/drugsatfda">https://www.accessdata.fda.gov/drugsatfda</a> docs/label/2015/206038Orig1s000lbl.pdf, Accessed July 26, 2018

Last Update: 12.1.2020, 12.4.2020, 3.1.2021, 5.11.2021, 6.28.2021, 8.1.2021, 9.13.2021, 10.1.2021, 12.17.2021, 1.9.2022, 2.1.2022, 2.17.2022, 2.28.2022, 3.11.2022, 4.5.2022, 4.7.2022, 4.26.2022,



- Symdeko [package insert]. Boston, MA: Vertex Pharmaceuticas inc; 2018, <a href="https://www.accessdata.fda.gov/drugsatfda.docs/label/2018/210491lbl.pdf">https://www.accessdata.fda.gov/drugsatfda.docs/label/2018/210491lbl.pdf</a>, Accessed on August 7, 2018.
- 8. CFTR gating mutations approved by the FDA for ivacaftor; UpToDate, Mallory, GB (Ed), UpToDate, Waltham, MA.
- 9. <a href="https://www.uptodate.com/contents/image?imageKey=PEDS%2F116943&topicKey=PEDS%2F6372&search=symdeko&rank=1~4&source=see link,">https://www.uptodate.com/contents/image?imageKey=PEDS%2F116943&topicKey=PEDS%2F6372&search=symdeko&rank=1~4&source=see link,</a> Accessed July 25, 2018.
- 10. CFTR residual function mutations approved by the FDA for ivacaftor and tezacaftor-ivacaftor; UpToDate, Mallory, GB (Ed), UpToDate, Waltham, MA. <a href="https://www.uptodate.com/contents/image?imageKey=PEDS%2F113340&topicKey=PEDS%2F6372&search=symdeko&rank=1~4&source=see\_link, Accessed July 25, 2018.">https://www.uptodate.com/contents/image?imageKey=PEDS%2F113340&topicKey=PEDS%2F6372&search=symdeko&rank=1~4&source=see\_link, Accessed July 25, 2018.</a>
- 11. Cystic fibrosis: Overview of the treatment of lung disease
- 12. RH Simon, MD, GB Mallory, MD, AG Hoppin, MD, UpToDate, Mallory, GB (Ed), UpToDate, Waltham, MA. Mar 02, 2018. <a href="https://www.uptodate.com/contents/cystic-fibrosis-overview-of-the-treatment-of-lung-disease?search=symdeko&source=search\_result&selectedTitle=1~4&usage\_type=default&display\_rank=1, Accessed August 2, 2018.
- 13. Katkin, JP. Cystic fibrosis: Clinical manifestations and diagnosis. UpToDate, Mallory, GB (Ed), UpToDate, Waltham, MA. <a href="https://www.uptodate.com/contents/cystic-fibrosis-clinical-manifestations-and-diagnosis?search=Cystic%20fibrosis:%20Clinical%20manifestations%20and%20diagnosis&source=search\_result&selectedTitle=1~150&usage\_type=default&display\_rank=1, Accessed\_on\_July 25, 2018.</a>
- 14. Nadig, TR, Flume PA. Aerosolized Antibiotics for Patients with Bronchiectasis. American Journal of Respiratory and Critical Care Medicine. 2016; 193(7). doi: <a href="https://doi.org/10.1164/rccm.201507-1449LE">https://doi.org/10.1164/rccm.201507-1449LE</a>. Accessed September 14, 2018.
- 15. Polverino E, Pieter C. Goeminne MJ. European Respiratory Society guidelines for the management of adult bronchiectasis. European Respiratory Journal. 2017; 50: 1700629. doi 10.1183/13993003.00629-2017. <a href="http://erj.ersjournals.com/content/50/3/1700629#sec-27">http://erj.ersjournals.com/content/50/3/1700629#sec-27</a>. Accessed September 14, 2018.
- 16. McShane PJ, Naureckas ET, Tino G. Non-Cystic Fibrosis Bronchiectasis. American Journal of Respiratory and Critical Care Medicine. 2013; 188(6). doi <a href="https://doi.org/10.1164/rccm.201303-0411Cl">https://doi.org/10.1164/rccm.201303-0411Cl</a>. <a href="https://www.atsjournals.org/doi/full/10.1164/rccm.201303-0411Cl">https://www.atsjournals.org/doi/full/10.1164/rccm.201303-0411Cl</a>. Accessed September 14, 2018.

#### **Epclusa References:**

- Epclusa Prescribing Information. Foster City, CA: Gilead Sciences, Inc.; November 2017. Available at http://www.gilead.com/~/media/files/pdfs/medicines/liver-disease/epclusa/epclusa pi.pdf?la=en. Accessed May 1, 2019.
- 2. American Association for the Study of Liver Diseases/ Infectious Disease Society of America (AASLD-IDSA). HCV guidance: recommendations for testing, managing, and treating hepatitis C. Last updated September 21, 2017. Available at: <a href="https://www.hcvguidelines.org/">https://www.hcvguidelines.org/</a>. Accessed May 1, 2019.
- 3. Platt L, Easterbrook P, Gower E, et al. Prevalence and burden of HCV co-infection in people living with HIV: a global systematic review and meta-analysis. Lanet Infect Dis 2016;16:797-808. http://dx.doi.org/10.1016/
- 4. Centers for Disease Control and Prevention. HIV and viral hepatitis: fact sheet. June 2017. Available at: <a href="https://www.cdc.gov/hiv/pdf/library/factsheets/hiv-viral-hepatitis.pdf">https://www.cdc.gov/hiv/pdf/library/factsheets/hiv-viral-hepatitis.pdf</a>. Accessed May 1, 2019.

#### xxiv Dalfampridine (Ampyra) References

Ampyra® [package insert]. Acorda Therapeutics Inc., Ardsley, NY; Revised December 2019. <a href="https://ampyra.com/prescribing-information.pdf">https://ampyra.com/prescribing-information.pdf</a>. Accessed July 7, 2020.

Last Update: 12.1.2020, 12.4.2020, 3.1.2021, 5.11.2021, 6.28.2021, 8.1.2021, 9.13.2021, 10.1.2021, 12.17.2021, 1.9.2022, 2.1.2022, 2.17.2022, 2.28.2022, 3.11.2022, 4.5.2022, 4.7.2022, 4.26.2022,



- 2. Kurtzke JF. Rating neurologic impairment in multiple sclerosis: an expanded disability status scale (EDSS). Neurology. 1983 Nov;33(11):1444-52. https://n.neurology.org/content/neurology/33/11/1444.full.pdf. Accessed September 9, 2019.
- 3. Olek MJ, Narayn RN, et al. Symptom Management of Multiple Sclerosis in Adults. Waltham, MA. UpToDate. Last Modified: September 17, 2018. https://www.uptodate.com/contents/symptom-management-of-multiple-sclerosis-in-adults. Accessed September 9, 2019.
- 4. Schachter, SC., Evaluation and management of the first seizure in adults (2019). UpToDate. In JF Dashe (Ed.), retrieved from <a href="https://www.uptodate.com/contents/evaluation-and-management-of-the-first-seizure-in-adults?search=EEG&topicRef=2233&source=see\_link#H2075518408">https://www.uptodate.com/contents/evaluation-and-management-of-the-first-seizure-in-adults?search=EEG&topicRef=2233&source=see\_link#H2075518408</a>. Accessed September 16, 2019.
- 5. Baird J, Sandroff B, Motl, R. Therapies for mobility disability in persons with multiple sclerosis. PMC 2019, 2018 Jun; 18(6): 493–502. Doi: 10.1080/14737175.2018.1478289 https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6291756/ Accessed July 7, 2020

### xxv Daliresp References

- DALIRESP (roflumilast) [package insert]. Wilmington, DE: AstraZeneca Pharmaceuticals LP; Revised March 12, 2020. https://www.azpicentral.com/daliresp/daliresp.pdf#page=1. Accessed April 30, 2020.
- 2. Global Strategy for the Diagnosis, Management and Prevention of COPD. Global Initiative for Chronic Obstructive Lung Disease (GOLD) Updated December 2020. https://goldcopd.org/wp-content/uploads/2019/11/GOLD-2020-REPORT-ver1.0wms.pdf. Accessed April 30, 2020.

### xxvi Diabetic Testing Supplies References

- One Touch [package insert]. LifeScan, Inc. Milpitas, CA; March 2017 <u>Accessed April 10, 2020</u>
- 2. American diabetes association, checking your blood pressure, <a href="http://www.diabetes.org/living-with-diabetes/treatment-and-care/blood-glucose-control/checking-your-blood-glucose.html">http://www.diabetes.org/living-with-diabetes/treatment-and-care/blood-glucose-control/checking-your-blood-glucose.html</a> Accessed May 22, 2019
- 3. Filiz Demircik, PhD, Evaluation of Hematocrit Interference with MyStar Extra and Seven Competitive Devices, Journal of Diabetes Science and Technology 2015 Mar; 9(2): 262–267. Published online 2014 Dec,30 <a href="https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4604595/">https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4604595/</a> accessed May 31, 2019
- 4. American diabetes association, checking your blood glucose, <a href="http://www.diabetes.org/living-with-diabetes/treatment-and-care/blood-glucose-control/checking-your-blood-glucose.html">http://www.diabetes.org/living-with-diabetes/treatment-and-care/blood-glucose-control/checking-your-blood-glucose.html</a> Accessed May 22, 2019
- Filiz Demircik, PhD, Evaluation of Hematocrit Interference with MyStar Extra and Seven Competitive Devices, Journal of Diabetes Science and Technology 2015 Mar; 9(2): 262–267. Published online 2014 Dec,30 <a href="https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4604595/">https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4604595/</a> accessed May 31, 2019
- 6. Hematocrit Interference of Blood Glucose Meters for Patient Self-Measurement. J Diabetes Sci Technol. 2013 Jan; 7(1): 179–189. Published online 2013 Jan 1. doi: 10.1177/193229681300700123.Sanja Ramljak, Ph.D.,1 John Paul Lock, M.D.,2 Christina Schipper, Ph.D.,1 Petra B. Musholt, M.D.,1 Thomas Forst, M.D.,1 Martha Lyon, Ph.D.,3 and Andreas Pfützner, M.D., Ph.D.1. <a href="https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3692232/">https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3692232/</a>. Accessed May 31, 2019
- 7. American diabetes association, checking your blood glucose, <a href="http://www.diabetes.org/living-with-diabetes/treatment-and-care/blood-glucose-control/checking-your-blood-glucose.html">http://www.diabetes.org/living-with-diabetes/treatment-and-care/blood-glucose-control/checking-your-blood-glucose.html</a> Accessed May 22, 2019
- 8. American Diabetes Association. Standards of Medical Care in Diabetes 2019. Diabetes Care. January 2019, 42(Supplement 1). <a href="https://professional.diabetes.org/content-page/practice-guidelines-resources">https://professional.diabetes.org/content-page/practice-guidelines-resources</a>. Accessed July 2, 2019.
- 9. Freestyle Libre. Abbott Laboratories. https://www.accessdata.fda.gov/cdrh\_docs/pdf15/p150021c.pdf Accessed April 10, 2020.
- 10. Dexcom CGM. Dexcom. <a href="https://s3-us-west-2.amazonaws.com/dexcompdf/G6-CGM-Users-Guide.pdf">https://s3-us-west-2.amazonaws.com/dexcompdf/G6-CGM-Users-Guide.pdf</a> Accessed July 3, 2019.

Last Update: 12.1.2020, 12.4.2020, 3.1.2021, 5.11.2021, 6.28.2021, 8.1.2021, 9.13.2021, 10.1.2021, 12.17.2021, 1.9.2022, 2.1.2022, 2.17.2022, 2.28.2022, 3.11.2022, 4.5.2022, 4.7.2022, 4.26.2022,



11. American Diabetes Association Diabetes Care 2019 Jan; 42(Supplement 1): S71-S80. <a href="https://care.diabetesjournals.org/content/42/Supplement 1/S71">https://care.diabetesjournals.org/content/42/Supplement 1/S71</a>
Accessed April 10, 2020

#### xxvii Direct Renin Inhibitors References

- 1. James PA, Oparil S, Carter BL, et al. 2014 Evidence-Based Guideline for the Management of High Blood Pressure in Adults: Report From the Panel Members Appointed to the Eighth Joint National Committee (JNC 8). JAMA. 2014;311(5):507-520. doi:10.1001/jama.2013.284427.
- Tekturna [package insert]. Noden Pharma USA Inc, Boston, MA; November 2017. <a href="http://www.tekturna.com/wp-content/uploads/2017/11/Tekturna PCR-1.pdf.Accessed">http://www.tekturna.com/wp-content/uploads/2017/11/Tekturna PCR-1.pdf.Accessed</a> October 17, 2019
- 3. Tekturna HCT [package insert]. Noden Pharma USA Inc, Boston, MA; November 2016. <a href="http://www.tekturna.com/wp-content/uploads/2017/11/TekturnaHCT\_PCR-1.pdf">http://www.tekturna.com/wp-content/uploads/2017/11/TekturnaHCT\_PCR-1.pdf</a>. Accessed October 17, 2019.
- 4. Flynn JT, Kaelber DC, Baker-Smith CM, et al. Clinical Practice Guideline for Screening and Management of High Blood Pressure in Children and Adolescents. Pediatrics. September 2017, Volume 140 Issue 3. <a href="http://pediatrics.aappublications.org/content/early/2017/08/21/peds.2017-1904#T47">http://pediatrics.aappublications.org/content/early/2017/08/21/peds.2017-1904#T47</a>.
- 5. Whelton PK, Carey RM, Aronow WS, et al. 2017 ACC/AHA/AAPA/ABC/ACPM/AGS/APhA/ASH/ASPC/NMA/PCNA Guideline for the Prevention, Detection, Evaluation, and Management of High Blood Pressure in Adults: A Report of the American College of Cardiology/American Heart Association Task Force on Clinical Practice Guidelines. Journal of the American College of Cardiology. 2018; 71(19):127-248. doi:10.1016/j.jacc.2017.11.006.
- 6. Clinical Pharmacology [database online]. Tampa, FL: Gold Standard, Inc., URL: http://www.clinicalpharmacology-ip.com/. Updated 2017. Accessed October 17, 2019.
- 7. Aliskiren, Jacobs, TF, Terrell, JM. Retrieved from <a href="https://www.ncbi.nlm.nih.gov/books/NBK507868/">https://www.ncbi.nlm.nih.gov/books/NBK507868/</a>. Accessed November 20, 2019.

### **xxviii** Dry Eye Medications

- 1. Cequa (cyclosporine). Clinical Pharmacology [database online]. Tampa, FL: Gold Standard, Inc.; Retrieved from <a href="https://www.clinicalkey.com/pharmacology/monograph/158?sec=monindi&n=Cequa">https://www.clinicalkey.com/pharmacology/monograph/158?sec=monindi&n=Cequa</a>. Accessed April 21, 2020.
- 2. Restasis (cyclosporine). Clinical Pharmacology [database online]. Tampa, FL: Gold Standard, Inc.; Retrieved from <a href="https://www.clinicalkey.com/pharmacology/monograph/158?n=Restasis">https://www.clinicalkey.com/pharmacology/monograph/158?n=Restasis</a>. Accessed April 21, 2020.
- 3. Xiidra (lifitegrast). Clinical Pharmacology [database online]. Tampa, FL: Gold Standard, Inc.; Retrieved from <a href="https://www.clinicalkey.com/pharmacology/monograph/4855?sec=monindi&n=XIIDRA">https://www.clinicalkey.com/pharmacology/monograph/4855?sec=monindi&n=XIIDRA</a>. Accessed April 21, 2020.
- 4. Cequa (cyclosporine ophthalmic solution) 0.09% [package insert]. Cranbury, NJ: Sun Pharmaceutical Industries, Inc.; October 2019. <a href="https://cequapro.com/pdf/CequaPl.pdf">https://cequapro.com/pdf/CequaPl.pdf</a>. Accessed April 21, 2020.
- 5. Restasis (cyclosporine ophthalmic emulsion) 0.05% [package insert]. Irvine, CA: Allergan, Inc; July 2017. <a href="https://media.allergan.com/actavis/actavis/media/allergan-pdf-documents/product-prescribing/RESTASIS pi.pdf">https://media.allergan.com/actavis/actavis/media/allergan-pdf-documents/product-prescribing/RESTASIS pi.pdf</a>. Accessed April 21, 2020.
- 6. Xiidra (lifitegrast 5% ophthalmic solution) [package insert]. East Hanover, NJ: Novartis Pharmaceuticals Corporation; November 2019. <a href="https://www.novartis.us/sites/www.novartis.us/files/xiidra.pdf">https://www.novartis.us/sites/www.novartis.us/files/xiidra.pdf</a>. Accessed April 21, 2020.
- 7. Baer AN, Akpek EK. Treatment of dry eye in Sjögren's syndrome: General principles and initial therapy. July 2018. In Romain PL (Ed), retrieved from <a href="https://www.uptodate.com/contents/treatment-of-dry-eye-in-sjogrens-syndrome-general-principles-and-initial-therapy">https://www.uptodate.com/contents/treatment-of-dry-eye-in-sjogrens-syndrome-general-principles-and-initial-therapy</a>. Accessed April 15, 2019.
- American Academy of Ophthalmology Retina Panel. Preferred Practice Pattern® Guidelines. Dry Eye Syndrome. San Francisco, CA: American Academy of Ophthalmology; November 2018. <a href="https://www.aao.org/preferred-practice-pattern/dry-eye-syndrome-ppp-2018">https://www.aao.org/preferred-practice-pattern/dry-eye-syndrome-ppp-2018</a>. Accessed April 22, 2020.
   Last Update: 12.1.2020, 12.4.2020, 3.1.2021, 5.11.2021, 6.28.2021, 8.1.2021, 9.13.2021, 10.1.2021, 12.17.2021, 1.9.2022, 2.17.2022, 2.17.2022, 2.28.2022, 3.11.2022, 4.5.2022, 4.7.2022, 4.26.2022,



9. Foulks GN, Forstot SL, Donshik PC, et al. Clinical guidelines for management of dry eye associated with Sjögren disease. Ocul Surf 2015; 13:118. Retrieved from <a href="https://www.ncbi.nlm.nih.gov/pubmed/25881996">https://www.ncbi.nlm.nih.gov/pubmed/25881996</a>. Accessed April 22, 2020.

#### xxix Dupixent References

- 1. Dupixent® (dupliumab). [Prescribing information]. Tarrytown, NY. Regeneron. Revised June 2020. <a href="https://www.regeneron.com/sites/default/files/Dupixent\_FPI.pdf">https://www.regeneron.com/sites/default/files/Dupixent\_FPI.pdf</a>. Accessed August 3, 2020.
- 2. Eichenfield LF, Tom WL, Berger TG, Krol A, Paller AS, Schwarzenberger K, et al. Guidelines of care for the management of atopic dematitis: section 2. Management and treatment of atopic dermatitis with topical therapies. J Am Acad Dermatol. 2014 Jul;71(1):116-32. <a href="https://www.aad.org/practicecenter/quality/clinical-guidelines/atopic-dematitis">https://www.aad.org/practicecenter/quality/clinical-guidelines/atopic-dematitis</a>. Accessed. August 3, 2020
- 3. Eli Lily and Company. Validated Investigator Global Assessment scale for Atopic Dermatitis. vIGA-AD™. <a href="https://www.eczemacouncil.org/wp-content/uploads/2018/02/Validated-Investigator-Global-Assessment-Scale">https://www.eczemacouncil.org/wp-content/uploads/2018/02/Validated-Investigator-Global-Assessment-Scale</a> vIGA-AD 2017.pdf. Accessed August 3, 2020
- 4. CR Charman, 1 AJ Venn, 2 JC Ravenscroft, 3 and HC Williams 3. The British Journal of Dermatology. Translating Patient-Oriented Eczema Measure (POEM) scores into clinical practice by suggesting severity strata derived using anchor-based methods. <a href="http://europepmc.org/articles/pmc3920642">http://europepmc.org/articles/pmc3920642</a>. Accessed August 3, 2020.
- 5. Global Strategy for Asthma Management and Prevention. Global Initiative for Asthma (GINA) 2020. https://ginasthma.org/gina-reports/. Accessed August 4, 2020.
- 6. National Asthma Education and Prevention Program: Expert panel report III: Guidelines for the diagnosis and management of asthma. Bethesda, MD: National Heart, Lung, and Blood Institute, 2007. (NIH publication no. 08-4051). https://www.nhlbi.nih.gov/files/docs/guidelines/asthgdln.pdf. Accessed August 4, 2020
- 7. Rabe KF, Nair P, Brusselle ., et al, Efficacyand Safety of Dupilumab in Glucocorticoid-Dependent Severe Asthma. N Engl J Med. 2018;378(26):2475 <a href="https://www.neim.org/doi/full/10.1056/NEJMoa1804093">https://www.neim.org/doi/full/10.1056/NEJMoa1804093</a>. Accessed . August 4, 2020.
- 8. Wenzel S. Treatment of severe asthma in adolescents and adults. Waltham, MA. UpToDate. Last modified July 6, 2020. <a href="https://www.uptodate.com/contents/treatment-of-severe-asthma-in-adolescents-and-adults">https://www.uptodate.com/contents/treatment-of-severe-asthma-in-adolescents-and-adults</a>. Accessed August 3, 2020
- 9. Hamilos DL, Holbrook, EH. Chronic rhinosinusitis: Management. Waltham, MA. UpToDate. Last modified May 27, 2020 <a href="https://www.uptodate.com/contents/chronic-rhinosinusitis-management">https://www.uptodate.com/contents/chronic-rhinosinusitis-management</a>. Accessed . August 3, 2020

#### xxx Elmiron References

- 1. Elmiron® [package insert]. Titusville, NJ: Janssen Pharmaceuticals, Inc; Revised march 2021. <a href="https://www.janssenlabels.com/package-insert/product-monograph/prescribing-information/ELMIRON-pi.pdf">https://www.janssenlabels.com/package-insert/product-monograph/prescribing-information/ELMIRON-pi.pdf</a>. Accessed May 3, 2021.
- 2. Hanno PM, Burks DA, Clemens JQ. American Urological Association Guideline: Diagnosis and Treatment of Interstitial Cystitis/Bladder Pain Syndrome. September 2014. https://www.auanet.org/guidelines/interstitial-cystitis-(ic/bps)-guideline. Accessed March 5, 2020.

### xxxi Egrifta References:

- Egrifta® [package insert]. Theratechnologies, Inc., Montreal, Quebec, Canada; July, 2018.
   <a href="https://www.accessdata.fda.gov/drugsatfda">https://www.accessdata.fda.gov/drugsatfda</a> docs/label/2019/022505s011lbl.pdf. Accessed September 6, 2019.
- 2. Clinical Pharmacology. <a href="http://www.clinicalpharmacology-ip.com/Default.aspx">http://www.clinicalpharmacology-ip.com/Default.aspx</a>. Accessed September 6, 2019.
- 3. Treatment of HIV-associated lipodystrophy. UpToDate. <a href="https://www.uptodate.com">https://www.uptodate.com</a>. Accessed September 11, 2019.
- 4. Stanley T, Falutz J, Marsolais C, et al. Reduction in visceral adiposity is associated with an improved metabolic profile in HIV-infected patients receiving tesamorelin. Clin Infect Dis. 2012 Jun;54(11):1642-51. Accessed September 12,2019
- 5. Clinical Review Report: Tesamorelin (Egrifta) [Internet]. Ottawa (ON): Canadian Agency for Drugs and Technologies in Health; 2016 Aug. https://www.ncbi.nlm.nih.gov/books/NBK539131/ Accessed September 6, 2019

#### xxxii Emflaza References

Last Update: 12.1.2020, 12.4.2020, 3.1.2021, 5.11.2021, 6.28.2021, 8.1.2021, 9.13.2021, 10.1.2021, 12.17.2021, 1.9.2022, 2.1.2022, 2.17.2022, 2.28.2022, 3.11.2022, 4.5.2022, 4.7.2022, 4.26.2022,



- 1. Emflaza® (deflazacort) [package insert]. South Plainfield, NJ: PTC Therapeutics Inc;; Revised June 2019. <a href="http://emflaza.com/wp-content/themes/emflaza-patient/pdf/prescribing\_information.pdf">http://emflaza.com/wp-content/themes/emflaza-patient/pdf/prescribing\_information.pdf</a>. Accessed October 19, 2019.
- 2. Matthews E, Brassington R, Kuntzer T, et al. Corticosteroids for the treatment of Duchenne muscular dystrophy. Cochrane Database of Systematic Reviews 2016, Issue 5. <a href="https://www.cochrane.org/CD003725/NEUROMUSC corticosteroid-therapy-duchenne-muscular-dystrophy">https://www.cochrane.org/CD003725/NEUROMUSC corticosteroid-therapy-duchenne-muscular-dystrophy</a>. Accessed December 4, 2019.
- 3. Darras, B.T., Duchenne and Becker muscular dystrophy: Clinical features and diagnosis, (2018). In J.F. Dashe (Ed), UpToDate, retrieved October 19, 2019 from https://www.uptodate.com/contents/duchenne-and-becker-muscular-dystrophy-clinical-features-and-diagnosis
- 4. Muscular Dystrophy UK. North Star Ambulatory Assessment. <a href="https://www.physio-pedia.com/North Star Ambulatory Assessment">https://www.physio-pedia.com/North Star Ambulatory Assessment</a>. Accessed December 4, 2019.
- 5. McDonald CM, Henricson EK, RT Abresch, et al. The 6-minute walk test and other clinical endpoints in Duchenne muscular dystrophy: reliability, concurrent validity, and minimal clinically important differences from a multicenter study. Muscle Nerve. 2013b Sep;48(3):357-368.
- 6. Ramsey D, Scoto M, Mayhew A, et al. Revised Hammersmith Scale for spinal muscular atrophy; A SMA specific clinical outcome assessment tool. https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5319655/. Accessed December 4, 2019.
- 7. Berard C, Payan C, Hodgkinson I, et al. A motor function measure scale for neuromuscular diseases. Construction and validation study. <a href="http://www.motor-function-measure.org/upload/File/MFM%20article%20Neuro%20muscular%20disorders%202005.pdf">http://www.motor-function-measure.org/upload/File/MFM%20article%20Neuro%20muscular%20disorders%202005.pdf</a>. Accessed December 4, 2019.

### xxxiii Entresto References

- 1. Entresto® [package insert]. East Hanover, NJ: Novartis Pharmaceutical Corporation. Revised February 2021. https://www.pharma.us.novartis.com/sites/www.pharma.us.novartis.com/files/entresto.pdf. Accessed November 11, 2021.
- 2. Maddox TM, Januzzi JL, Allen LA, et al. 2021 Update to the 2017 ACC Expert Consensus Decision Pathway for Optimization of Heart Failure Treatment: Answers to 10 Pivotal Issues About Heart Failure With Reduced Ejection Fraction: A Report of the American College of Cardiology Solution Set Oversight Committee. J Am Coll Cardiol. Published online January 2021. Available at: <a href="https://www.jacc.org/doi/10.1016/j.jacc.2020.11.022">https://www.jacc.org/doi/10.1016/j.jacc.2020.11.022</a>. Accessed November 11, 2021.
- 3. Yancy CW, Jessup M, Bozkurt B, et. al. 2016 ACC/AHA/HFSA focused update on new pharmacological therapy for heart failure: an update of the 2013 ACCF/AHA guideline for the management of heart failure: a report of the American College of Cardiology Foundation/American Heart Association Task Force on Clinical Practice Guidelines. *Circulation*. 2016;134: DOI: 10.1161/CIR.0000000000000435.
- 4. Yancy CW, Jessup M, Bozkurt B, et al. 2017 ACC/AHA/HFSA Focused Update of the 2013 ACCF/AHA Guideline for the Management of Heart Failure: A Report of the American College of Cardiology/American Heart Association Task Force on Clinical Practice Guidelines and the Heart Failure Society of America. Journal of the American College of Cardiology. August 8, 2017; 70(6): 776-803.

### xxxiv Epidiolex®

- 1. Epidiolex® [package insert]. Greenwich Biosciences, Inc, Carlsbad, CA; Revised December 2018. https://www.epidiolex.com/sites/default/files/EPIDIOLEX Full Prescribing Information.pdf. Accessed November 14, 2019.
- 2. Gold Standard, Inc. Epidiolex. Clinical Pharmacology [database online]. Available at: <a href="http://www.clinicalpharmacology.com">http://www.clinicalpharmacology.com</a>. Accessed November 14, 2019.
- 3. Wilfong A. Epilepsy Syndromes in Children. Waltham, MA: UpToDate. Last modified: September 27, 2019. https://www.uptodate.com/contents/epilepsy-syndromes-in-children. Accessed December 10, 2019.

Last Update: 12.1.2020, 12.4.2020, 3.1.2021, 5.11.2021, 6.28.2021, 8.1.2021, 9.13.2021, 10.1.2021, 12.17.2021, 1.9.2022, 2.1.2022, 2.17.2022, 2.28.2022, 3.11.2022, 4.5.2022, 4.7.2022, 4.26.2022,



4. Nascimento FA, Andrade DM. Dravet Syndrome: Management and Prognosis. Waltham, MA. UpToDate. Last modified February 1, 2019. https://www.uptodate.com/contents/dravet-syndrome-management-and-prognosis. Accessed December 10, 2019.

### xxxv Erythromycin Ethylsuccinate Suspension References

- 8. E.E.S. <sup>®</sup> [package insert]. Arbor Pharmaceuticals, Inc., Atlanta, GA; January 2012. https://www.accessdata.fda.gov/drugsatfda\_docs/label/2012/050207s071lbl.pdf. Accessed May 3, 2021.
- 9. Gold Standard, Inc. Erythromycin. Clinical Pharmacology [database online]. Available at: <a href="http://www.clinicalpharmacology.com">http://www.clinicalpharmacology.com</a>. Accessed April 1, 2020.
- 10. Camilleri, M. Treatment of Gastroparesis. Waltham, MA. UpToDate. Last modified February 21, 2019. https://www.uptodate.com/contents/treatment-of-gastroparesis. Accessed May24, 2021.
- 11. Camilleri, M, Parkman, HP, Shafi, MA, Abell TL, Gerson, L. Management of Gastroparesis. American Journal of Gastroenterology: January 2013;108(1):18-37doi: 10.1038/ajg.2012.373.

### xxxvi Erythropoiesis Stimulating Agent References

- 1. Epogen® [package insert]. Thousand Oaks, CA: Amgen Inc.; Revised July 2018. <a href="https://www.pi.amgen.com/~/media/amgen/repositorysites/pi-amgen-com/epogen/epogen/pi hcp\_english.pdf">https://www.pi.amgen.com/~/media/amgen/repositorysites/pi-amgen-com/epogen/epogen/pi hcp\_english.pdf</a>. Accessed August 9, 2020.
- 2. Procrit® [package insert]. Thousand Oaks, CA: Amgen Inc.; Revised July 2018. <a href="http://www.janssenlabels.com/package-insert/product-monograph/prescribing-information/PROCRIT-pi.pdf">http://www.janssenlabels.com/package-insert/product-monograph/prescribing-information/PROCRIT-pi.pdf</a>. Accessed August 7, 2019.
- 3. Retacrit™ [package insert]. Lake Forest, IL: Pfizer Inc.; Revised January 2019. <a href="http://labeling.pfizer.com/ShowLabeling.aspx?id=10738">http://labeling.pfizer.com/ShowLabeling.aspx?id=10738</a>. Accessed August 7, 2019.
- 4. Aranesp® [package insert]. Thousand Oaks, CA: Amgen Inc.; Revised January 2019. <a href="https://www.pi.amgen.com/~/media/amgen/repositorysites/pi-amgen-com/aranesp/ckd/aranesp-pi-hcp-english.pdf">https://www.pi.amgen.com/~/media/amgen/repositorysites/pi-amgen-com/aranesp/ckd/aranesp-pi-hcp-english.pdf</a>. Accessed August 9, 2020.
- Mircera® [package insert]. Switzerland: Vifor Pharma; Revised June 2018.
   <a href="https://www.accessdata.fda.gov/drugsatfda.docs/label/2018/125164s078lbl.pdf">https://www.accessdata.fda.gov/drugsatfda.docs/label/2018/125164s078lbl.pdf</a>. Accessed August 9, 2020.
- 6. Gold Standard, Inc. Clinical Pharmacology [database online]. <a href="http://www.clinicalpharmacology.com">http://www.clinicalpharmacology.com</a>. Accessed August 9, 2020.
- 7. National Comprehensive Cancer Network. Myelodysplastic Syndromes (Version 2.2020). NCCN. <a href="https://www.nccn.org/professionals/physician\_gls/pdf/mds.pdf">https://www.nccn.org/professionals/physician\_gls/pdf/mds.pdf</a>. Updated October 18, 2018. Accessed August 9, 2019.
- 8. Estey EH, Schrier SL. Management of the complications of the myelodysplastic syndromes. UpToDate. <a href="http://www.uptodate.com">http://www.uptodate.com</a>. Updated July 17, 2015. Accessed August 1, 2016.
- 9. Rizzo JD, Brouwers M, Hurley P, et al. American Society of Clinical Oncology/American Society of Hematology clinical practice guideline update on the use of epoetin and darbepoetin in adult patients with cancer. *J Clin Onc.* 2010;28(33):4996-5010.
- 10. Bohlius J, Bohlke K, Castelli R, et al. American Society of Clinical Oncology/American Society of Hematology. Management of Cancer-Associated Anemia with Erythropoiesis-Stimulating Agents: ASCO/ASH Clinical Practice Guideline Update. Journal of Clinical Oncology 2019 37:15, 1336-1351.
- 11. Volberding PA, Levine AM, Dieterich D, et al. Anemia in HIV Working Group, Anemia in HIV Infection: Clinical Impact and Evidence-Based Management Strategies, Clinical Infectious Diseases, Volume 38, Issue 10, 15 May 2004, Pages 1454–1463.
- 12. KDIGO Anemia Work Group. KDIGO Clinical Practice Guideline for Anemia in Chronic Kidney Disease. Kidney Int Suppl. 2012;2(4):279-335.
- 13. Afdhal NH, Dieterich DT, Pockros PJ, et al. Epoetin Alfa Maintains Ribavirin Dose in HCV-infected Patients: a Prospective, Double-blind, Randomized Controlled Study, Gastroenterology, Volume 126, Issue 5, 1302 1311. 9.13.2021, 10.1.2021, 12.17.2021, 19.2022, 2.17.2022, 2.17.2022, 3.11.2022,

4.5.2022, 4.7.2022, 4.26.2022,



- 14. Berns JS. Treatment of Anemia in Nondialysis Chronic Kidney Disease. UpToDate. <a href="https://www.uptodate.com/contents/treatment-of-anemia-in-nondialysis-chronic-kidney-disease">https://www.uptodate.com/contents/treatment-of-anemia-in-nondialysis-chronic-kidney-disease</a>. Updated October 12, 2018. Accessed August 9, 2019.
- 15. National Comprehensive Cancer Network. Management of Cancer and Chemotherapy Induced Anemia (Version 2.2020). NCCN. Accessed August 9, 2020
- 16. Lee A. Fleisher, Kirsten E. Fleischmann, et al. 2014 ACC/AHA Guideline on Perioperative Cardiovascular Evaluation and Management of Patients Undergoing Noncardiac Surgery A Report of the American College of Cardiology/American Heart Association Task Force on Practice Guidelines. Circulation. 2014:130:e278-e333.

#### xxxviiEucrisa References

- Eucrisa™ (crisaborole). [Prescribing information]. New York, New York. Pfizer, Inc.; Revised April 2020. http://labeling.pfizer.com/ShowLabeling.aspx?id=5331. Accessed July 21, 2020.
- 2. Eichenfield LF, Tom WL, Berger TG, Krol A, Paller AS, Schwarzenberger K, et al. Guidelines of care for the management of atopic dermatitis: section 2. Management and treatment of atopic dermatitis with topical therapies. J Am Acad Dermatol. 2014 Jul;71(1):116-32. https://www.aad.org/practicecenter/guality/clinical-guidelines/atopic-dermatitis. Accessed September 11, 2019.
- 3. Eli Lily and Company. Validated Investigator Global Assessment scale for Atopic Dermatitis. vIGA-AD™. <a href="https://www.eczemacouncil.org/wp-content/uploads/2018/02/Validated-Investigator-Global-Assessment-Scale vIGA-AD 2017.pdf">https://www.eczemacouncil.org/wp-content/uploads/2018/02/Validated-Investigator-Global-Assessment-Scale vIGA-AD 2017.pdf</a>. Accessed September 11, 2019.
- 4. CR Charman,1 AJ Venn,2 JC Ravenscroft,3 and HC Williams3. The British Journal of Dermatology. Translating Patient-Oriented Eczema Measure (POEM) scores into clinical practice by suggesting severity strata derived using anchor-based methods. <a href="http://europepmc.org/articles/pmc3920642">http://europepmc.org/articles/pmc3920642</a>. Accessed September 11, 2019.
- 5. Tollefson M, Bruckner. Atopic Dermatitis: Skin-Directed Management. American Academy of Pediatrics. 2014. 134 (6) e1735-e1744; DOI: 10.1542/peds.2014-2812

#### xxxviii EVRYSDI references:

- 1. EVRYSDI [package insert]. San Francisco, CA 94080. Genentech, Inc., 2020. https://www.gene.com/download/pdf/evrysdi\_prescribing.pdf
- 2. ClinicalTrials.gov [Internet]. Bethesda (MD): National Library of Medicine (US). 2016 Sept 21 . Identifier NCT02908685, A Study to Investigate the Safety, Tolerability, Pharmacokinetics, Pharmacodynamics and Efficacy of Risdiplam (R07034067) in Type 2 and 3 Spinal Muscular Atrophy (SMA) Participants (SUNFISH); 2020 Jul 22 [cited 2020 Aug 8]; [about 4 screens]. Available from: https://clinicaltrials.gov/ct2/show/NCT02908685.
- 3. ClinicalTrials.gov [Internet]. Bethesda (MD): National Library of Medicine (US). 02016 Sept 23 . Identifier: CT02913482, Investigate Safety, Tolerability, PK, PD and Efficacy of Risdiplam (R07034067) in Infants with Type1 Spinal Muscular Atrophy (FIREFISH); 2020 Aug 24 [cited 2020 Aug 26]; [about 5 screens]. Available from: <a href="https://clinicaltrials.gov/ct2/show/NCT02913482">https://clinicaltrials.gov/ct2/show/NCT02913482</a>
- 4. <u>Yonezawa</u> A, <u>Inui</u> KI. Importance of the multidrug and toxin extrusion MATE/SLC47A family to pharmacokinetics, pharmacodynamics/toxico-dynamics and pharmacogenomics. British Journal of Pharmacology; Br J Pharmacol. 2011 Dec; ;164(7): 1817-1825. doi: 10.1111/j.1476-5381.2011.01394.x. <a href="https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3246706/">https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3246706/</a>
- Vuillerot C, Payan C. Responsiveness of the Motor Function Measure in Patients with Spinal Muscular Atrophy Archives of Physical Medicine and Rehabilitation journal. Archives of Physical Medicine and Rehabilitation 2013;94:1555-61. <a href="https://www.archives-pmr.org/article/S0003-9993(13)00098-1/pdf">https://www.archives-pmr.org/article/S0003-9993(13)00098-1/pdf</a>

Last Update: 12.1.2020, 12.4.2020, 3.1.2021, 5.11.2021, 6.28.2021, 8.1.2021, 9.13.2021, 10.1.2021, 12.17.2021, 1.9.2022, 2.1.2022, 2.17.2022, 2.28.2022, 3.11.2022, 4.5.2022, 4.7.2022, 4.26.2022,



6. ClinicalTrials.gov. [Internet]. Bethesda (MD): National Library of Medicine (US). 0217 Jan26 -. Identifier: NCT03032172, A Study of Risdiplam (R07034067) in Adult and Pediatric Participants with Spinal Muscular Atrophy (JEWELFISH); 0220 Jul 21 [cited 2020 Sept 18]; [about 5 screens]. Available from: https://clinicaltrials.gov/ct2/show/NCT03032172

### xxxix Exondys References:

- 1. Exondys 51 [package insert]. Cambridge, MA: Sarepta Therapeutics, Inc.; October 2018.
- 2. Mendell JR, Rodino-Klapac LR, Sahenk Z, et al. Eteplirsen for the treatment of Duchenne muscular dystrophy. Ann Neurol. 2013;74(5):637-47.
- 3. Cirak S, Arechavala-Gomeza V, Guglieri M, et al. Exon skipping and dystrophin restoration in patients with Duchenne muscular dystrophy after systemic phosphorodiamidate morpholino oligomer treatment: an open-label, phase 2, dose-escalation study. Lancet. 2011;378 (9791):595-605.
- 4. Mendell JR, Goemans N, Lowes LP, et al; Eteplirsen Study Group and Telethon Foundation DMD Italian Network. Longitudinal effect of eteplirsen versus historical control on ambulation in Duchenne muscular dystrophy. Ann Neurol. 2016;79(2):257-271.
- 5. Randeree L, Eslick GD. Eteplirsen for paediatric patients with Duchenne muscular dystrophy; A pooled-analysis, J Clin Neurosci, 2018;49:1

### xl GnRH Agonists References

- 1. Fensolvi® [package insert]. Fort Collins: Tolmar Pharmaceuticals Inc. Revised May 2020. https://www.tolmar.com/sites/default/files/resources/FEN Full Pl.pdf. Accessed September 3, 2020.

- 4. Lupron Depot[package insert]. North Chicago, IL: AbbVie Inc. Revised March 2019. https://www.rxabbvie.com/. Accessed August 10, 2020.
- 5. Lupron Depot-PED [package insert]. North Chicago, IL: AbbVie Inc. Revised May 2017. <a href="https://www.rxabbvie.com/">https://www.rxabbvie.com/</a>. Accessed July 30, 2019.
- Supprelin LA® (histrelin acetate) [package insert]. Malvern, PA: Endo Pharmaceuticals Solutions. Revised November 2019<a href="https://www.endo.com/File%20Library/Products/Prescribing%20Information/SUPPRELINLA prescribing information.html">https://www.endo.com/File%20Library/Products/Prescribing%20Information/SUPPRELINLA prescribing information.html</a>. Accessed September 23, 2020.
- 7. Synarel® [package insert]. New York, NY: Pfizer Inc. Revised May, 2017. https://www.pfizermedicalinformation.com/en-us/synarel. Accessed July 31, 2019.
- 8. Trelstar® (triptorelin pamoate) [package insert]. Wayne, PA: Verity Pharmaceuticals, Inc. Revised May 2020. <a href="http://www.trelstar.com/pdf/TrelstarPrescribingInformation-May2020.pdf">http://www.trelstar.com/pdf/TrelstarPrescribingInformation-May2020.pdf</a>. Accessed September 23, 2020.
- 9. Vantas® (histrelin acetate) [package insert]. Malvern, PA: Endo Pharmaceuticals Solutions. Revised November 2019. http://www.endo.com/File%20Library/Products/Prescribing%20Information/Vantas prescribing information.html. Accessed September 23, 2020.
- Zoladex® 3.6mg (goserelin acetate) [package insert]. Lake Forest, IL: TerSera Pharmaceuticals LLC. Revised February 2019. http://documents.tersera.com/zoladex-us/3.6mg MagnumPI.pdf. Accessed August 10, 2020.
- 11. Zoladex® 10.8mg (goserelin acetate) [package insert]. Lake Forest, IL: TerSera Pharmaceuticals LLC. Revised February 2019. http://documents.tersera.com/zoladex-us/10.8mg\_MagnumPl.pdf. Accessed August 10, 2020.
- 12. Triptodur® [package insert]. Atlanta, GA: Arbor Pharmaceuticals LLC. Revised October 2018. <a href="http://triptodur.com/assets/pdf/Triptodur-PI-Rev.-10.2018.pdf">http://triptodur.com/assets/pdf/Triptodur-PI-Rev.-10.2018.pdf</a>. Accessed July 31, 2019.
- 13. Orilissa™ [package insert]. North Chicago, IL: AbbVie Inc. Revised July 2018. <a href="https://www.rxabbvie.com/pdf/orilissa\_pi.pdf">https://www.rxabbvie.com/pdf/orilissa\_pi.pdf</a>. Accessed August 10, 2020. Last Update: 12.1.2020, 12.4.2020, 3.1.2021, 5.11.2021, 6.28.2021, 8.1.2021, 9.13.2021, 10.1.2021, 12.17.2021, 1.9.2022, 2.12.022, 2.17.2022, 2.28.2022, 3.11.2022, 4.5.2022, 4.7.2022, 4.26.2022,



- 14. Lupaneta® 3.75mg [package insert]. North Chicago, IL: AbbVie Inc. Revised June 2015. <a href="https://www.rxabbvie.com/pdf/lupaneta">https://www.rxabbvie.com/pdf/lupaneta</a> 3 75 pi.pdf. Accessed July 31, 2019.
- 15. Lupaneta® 11.25mg [package insert]. North Chicago, IL: AbbVie Inc. Revised June 2015. <a href="https://www.rxabbvie.com/pdf/lupaneta 11 25 pi.pdf">https://www.rxabbvie.com/pdf/lupaneta 11 25 pi.pdf</a>. Accessed July 31, 2019.
- 16. Chirico V, Lacquaniti A, Salpietro V, Buemi M, Salpietro C, Arrigo T. Central precocious puberty: from physiopathological mechanisms to treatment. *J Biolog Regul Homeo Agents*. 2014;28(3):367-375.
- 17. Kletter GB, Klein KO, Wong YY. A pediatrician's guide to central precocious puberty. Clin Ped. 2015;54(5):414-424.
- 18. Harrington J, Palmert MR. Treatment of Precocious Puberty. UpToDate. <a href="https://www.uptodate.com/contents/treatment-of-precocious-puberty">https://www.uptodate.com/contents/treatment-of-precocious-puberty</a>. Updated December 12, 2017. Accessed August 5, 2019.
- 19. Schenken RS. Endometriosis: Treatment of Pelvic Pain. UpToDate. <a href="https://www.uptodate.com/contents/endometriosis-treatment-of-pelvic-pain">https://www.uptodate.com/contents/endometriosis-treatment-of-pelvic-pain</a>. Updated July 29, 2019. Accessed August 2, 2019.
- 20. Armstrong C. ACOG updates guideline on diagnosis and treatment of endometriosis. Am Fam Physician. 2011;83(1):84-85.
- 21. Dunselman GA, Vermeulen N, Becker C. ESHRE guideline: management of women with endometriosis. Hum Reprod. 2014;29(3):400-412.
- 22. Stewart EA. Overview of Treatment of Uterine Leiomyomas (Fibroids). UpToDate. <a href="https://www.uptodate.com/contents/overview-of-treatment-of-uterine-leiomyomas-fibroids">https://www.uptodate.com/contents/overview-of-treatment-of-uterine-leiomyomas-fibroids</a>. Updated July 18, 2019. Accessed August 2, 2019.
- 23. National Comprehensive Cancer Network. Breast Cancer (Version 5.2020). NCCN. <a href="https://www.nccn.org/professionals/physician\_gls/pdf/breast.pdf">https://www.nccn.org/professionals/physician\_gls/pdf/breast.pdf</a>. Updated July 15, 2020. Accessed October 10, 2020.
- 24. National Comprehensive Cancer Network. Prostate Cancer (Version 2.2020). NCCN. <a href="https://www.nccn.org/professionals/physician\_gls/pdf/prostate.pdf">https://www.nccn.org/professionals/physician\_gls/pdf/prostate.pdf</a>. Updated May 21, 2020 Accessed October 10, 2020...
- 25. National Comprehensive Cancer Network. Ovarian Cancer (Version 1.2020). NCCN. <a href="https://www.nccn.org/professionals/physician\_gls/pdf/ovarian.pdf">https://www.nccn.org/professionals/physician\_gls/pdf/ovarian.pdf</a>. Updated June 26,2020. Accessed October 10,2020.
- 26. National Comprehensive Cancer Network. Head and Neck Cancers (Version 2.2020). NCCN. <a href="https://www.nccn.org/professionals/physician\_gls/pdf/head-and-neck.pdf">https://www.nccn.org/professionals/physician\_gls/pdf/head-and-neck.pdf</a>. Updated June 9,2020. Accessed October 10, 2020August 2,2019.
- 27. Hembree WC, Cohen-Kettenis PT, Gooren L et al; Endocrine Treatment of Gender-Dysphoric/Gender-Incongruent Persons: An Endocrine Society Clinical Practice Guideline, *The Journal of Clinical Endocrinology & Metabolism*. <a href="https://academic.oup.com/jcem/article/doi/10.1210/jc.2017-01658/4157558/Endocrine-Treatment-of-Gender-Dysphoric-Gender">https://academic.oup.com/jcem/article/doi/10.1210/jc.2017-01658/4157558/Endocrine-Treatment-of-Gender-Dysphoric-Gender</a>. Updated Sept 13, 2017. Accessed August 5, 2019.

### <sup>xli</sup> Hemophilia Factor References

- 1. NovoSeven® RT. [package insert]. Plainsboro NJ: Novo Nordisk; Revised July 2020. <a href="https://www.novo-pi.com/novosevenrt.pdf">https://www.novo-pi.com/novosevenrt.pdf</a>. Accessed May 4, 2021.
- Alphanate® [package insert]. Los Angeles, CA: Grifols Biologicals LLC; Revised June 2018. <a href="https://www.alphanate.com/documents/32867717/32868353/alphanate+prescribing+information+patient/0b7a6c1a-af96-40ed-b534-5a06cec9a5ce">https://www.alphanate.com/documents/32867717/32868353/alphanate+prescribing+information+patient/0b7a6c1a-af96-40ed-b534-5a06cec9a5ce</a>. Accessed May 4, 2021.
- 3. Feiba NF. [package insert]. Westlake Village, CA: Baxter Healthcare Corporation; Revised February 2020. https://www.shirecontent.com/PI/PDFs/FEIBA USA ENG.pdf. Accessed May 4, 2021.
- 4. Hemlibra® [package insert]. South San Francisco, CA: Genentech, Inc.; Revised March 2021. <a href="https://www.gene.com/download/pdf/hemlibra">https://www.gene.com/download/pdf/hemlibra</a> prescribing.pdf. Accessed May 4, 2021.

Last Update: 12.1.2020, 12.4.2020, 3.1.2021, 5.11.2021, 6.28.2021, 8.1.2021, 9.13.2021, 10.1.2021, 12.17.2021, 1.9.2022, 2.1.2022, 2.17.2022, 2.28.2022, 3.11.2022, 4.5.2022, 4.7.2022, 4.26.2022,



- 5. Obizur [package insert]. Lexington, MA: Baxalta US Inc.; Revised July 2020. <a href="https://www.shirecontent.com/PI/PDFs/OBIZUR USA ENG.pdf">https://www.shirecontent.com/PI/PDFs/OBIZUR USA ENG.pdf</a>. Accessed May 4, 2021.
- 6. Clinical Pharmacology [database online]. Tampa, FL: Gold Standard, Inc.; Retrieved from <a href="https://www.clinicalkey.com/pharmacology/">https://www.clinicalkey.com/pharmacology/</a>. Accessed February 24, 2020.
- 7. Guidelines for the management of hemophilia. 2nd ed. Montreal (Quebec): World Federation of Hemophilia; 2012; 1-74. Medical and Scientific Advisory Council (MASAC). MASAC Recommendation Regarding the Use of Bypassing Agents in Patients with Hemophilia A or B and Inhibitors. MASAC Document #167. Adopted by the NHF Board of Directors on June 3, 2006. Accessed May 4, 2021. Available from <a href="http://www.hemophilia.org/sites/default/files/document/files/167.pdf">http://www.hemophilia.org/sites/default/files/document/files/167.pdf</a>
- 8. Hoots W.K., Shapiro A.D. (2020). Hemophilia A and B: Routine management including prophylaxis. *UpToDate*. (Inc. L.K. Leung, D.H. Mahoney, J.S. Tirnauer, Eds.) Retrieved May 4, 2021 from https://www.uptodate.com/contents/hemophilia-a-and-b-routine-management-including-prophylaxis.
- 9. Medical and Scientific Advisory Council (MASAC) Recommendations Regarding the Treatment of von Willebrand Disease. MASAC document #244. Accessed January 25, 2018 at <a href="https://www.hemophilia.org/Researchers-Healthcare-Providers/Medical-and-Scientific-Advisory-Council-MASAC-Recommendations/MASAC-Recommendations-Regarding-the-Treatment-of-von-Willebrand-Disease">https://www.hemophilia.org/Researchers-Healthcare-Providers/Medical-and-Scientific-Advisory-Council-MASAC-Recommendations/MASAC-Recommendations-Regarding-the-Treatment-of-von-Willebrand-Disease</a>
- 10. Valentino LA, Kempton CL, Kruse-Jarres R, Mathew P, Meeks SL, Reiss UM on Behalf of the International Immune Tolerance Induction Study Investigators. US Guidelines for immune tolerance induction in patients with hemophilia A and inhibitors. *Hemophilia* 2015. DOI: 10.1111/hae.12730.
- 11. Medical-and-Scientific-Advisory-Council-MASAC/MASAC-Recommendations/MASAC-Recommendations-on-Standardized-Testing-and-Surveillance-for-Inhibitors-in-Patients-with-Hemophilia-A-and-B. Accessed January 25, 2018 at <a href="https://www.hemophilia.org/Researchers-Healthcare-Providers/Medical-and-Scientific-Advisory-Council-MASAC/MASAC-Recommendations/MASAC-Recommendations-on-Standardized-Testing-and-Surveillance-for-Inhibitors-in-Patients-with-Hemophilia-A-and-B">https://www.hemophilia.org/Researchers-Healthcare-Providers/Medical-and-Scientific-Advisory-Council-MASAC/MASAC-Recommendations/MASAC-Recommendations-on-Standardized-Testing-and-Surveillance-for-Inhibitors-in-Patients-with-Hemophilia-A-and-B</a>
- 12. Selected available factor VIII products for patients with hemophilia A, (2019). Retrieved from <a href="https://www.uptodate.com/contents/image?imageKey=HEME%2F109838&topicKey=HEME%2F107911&search=treatment%20of%20hemophilia&rank=1~150&source=see link">https://www.uptodate.com/contents/image?imageKey=HEME%2F109838&topicKey=HEME%2F107911&search=treatment%20of%20hemophilia&rank=1~150&source=see link</a>. Accessed February 14, 2019.
- 13. National Hemophilia Foundation for all bleeding disorders. <a href="https://www.hemophilia.org/Bleeding-Disorders/What-is-a-Bleeding-Disorders/What-
- 14. Selected available factor IX products for patients with hemophilia B. (2019). Retrieved from <a href="https://www.uptodate.com/contents/image?imageKey=HEME%2F109839&topicKey=RHEUM%2F4675&search=treatment%20of%20hemophilia&rank=1~150&source=see link">https://www.uptodate.com/contents/image?imageKey=HEME%2F109839&topicKey=RHEUM%2F4675&search=treatment%20of%20hemophilia&rank=1~150&source=see link</a>. Accessed May 4, 2021.
- Medical and Scientific Advisory Council (MASAC) Recommendations Concerning Products Licensed for the Treatment of Hemophilia and Other Bleeding Disorders. (2018). <a href="https://www.hemophilia.org/Researchers-Healthcare-Providers/Medical-and-Scientific-Advisory-Council-MASAC/MASAC-Recommendations/MASAC-Recommendations-Concerning-Products-Licensed-for-the-Treatment-of-Hemophilia-and-Other-Bleeding-Disorders.</a> Accessed February 14, 2019.
- 16. Treatment of von Willebrand disease. Rick ME, (2018). In Tirnauer JS, (Ed). <a href="https://www.uptodate.com/contents/treatment-of-von-willebrand-disease">https://www.uptodate.com/contents/treatment-of-von-willebrand-disease</a>. Accessed May 4, 2021.
- 17. Recombinant factor VIIa: Clinical uses, dosing, and adverse effects, Hoffman M, (2017). Tirnauer JS (Ed), Retrieved from <a href="https://www.uptodate.com/contents/recombinant-factor-viia-clinical-uses-dosing-and-adverse-effects">https://www.uptodate.com/contents/recombinant-factor-viia-clinical-uses-dosing-and-adverse-effects</a>. Accessed May 4, 2021.
- 18. Researchers-Healthcare-Providers/Medical-and-Scientific-Advisory-Council-MASAC/MASAC-Recommendations/Guidelines-for-Emergency-Department-Management-of-Individuals-with-Hemophilia-and-Other-Bleeding-Disorders. Accessed May 4, 2021.

Last Update: 12.1.2020, 12.4.2020, 3.1.2021, 5.11.2021, 6.28.2021, 8.1.2021, 9.13.2021, 10.1.2021, 12.17.2021, 1.9.2022, 2.1.2022, 2.17.2022, 2.28.2022, 3.11.2022, 4.5.2022, 4.7.2022, 4.26.2022,



https://www.hemophilia.org/Researchers-Healthcare-Providers/Medical-and-Scientific-Advisory-Council-MASAC/MASAC-Recommendations/Guidelines-for-Emergency-Department-Management-of-Individuals-with-Hemophilia-and-Other-Bleeding-Disorders.

- 19. Researchers-Healthcare-Providers/Medical-and-Scientific-Advisory-Council-MASAC/MASAC-Recommendations/Recommendation-on-the-Use-and-Management-of-Emicizumab-kxwh-Hemlibra-for-Hemophilia-A-with-and-without-Inhibitors. Accessed May 4, 2021. <a href="https://www.hemophilia.org/Researchers-Healthcare-Providers/Medical-and-Scientific-Advisory-Council-MASAC/MASAC-Recommendations/Recommendation-on-the-Use-and-Management-of-Emicizumab-kxwh-Hemlibra-for-Hemophilia-A-with-and-without-Inhibitors.">https://www.hemophilia.org/Researchers-Healthcare-Providers/Medical-and-Scientific-Advisory-Council-MASAC/MASAC-Recommendations/Recommendation-on-the-Use-and-Management-of-Emicizumab-kxwh-Hemlibra-for-Hemophilia-A-with-and-without-Inhibitors.</a>
- 20. Hoots, KW, Shapiro AD. (2020). Treatment of bleeding and perioperative management in hemophilia A and B. Retrieved from In J. A. Melin (Ed.), UpToDate. Retrieved May 4, 2021. <a href="https://www.uptodate.com/contents/treatment-of-bleeding-and-perioperative-management-in-hemophilia-a-and-b">https://www.uptodate.com/contents/treatment-of-bleeding-and-perioperative-management-in-hemophilia-a-and-b</a>.

#### xlii HP Acthar References

- Acthar® Gel (corticotropin) [package insert]. Bedminster, NJ; Mallinckrodt ARD Inc; Revised March 2019. <a href="https://www.acthar.com/pdf/Acthar-Pl.pdf">https://www.acthar.com/pdf/Acthar-Pl.pdf</a>. Accessed May 07, 2020.
- 2. Go, C.Y., Mackay, M.T., Weiss, S.K. et al. Evidence-based guideline update: Medical treatment of infantile spasms: Report of the Guideline Development Subcommittee of the American Academy of Neurology and the Practice Committee of the Child Neurology Society. Neurology 2012;78;1974-1980. https://n.neurology.org/content/78/24/1974. May 07, 2020.

#### xliii Hetlioz References

- 1. Clinical Pharmacology [database online]. Tampa, FL: Gold Standard, Inc., URL: http://www.clinicalpharmacology-ip.com/. Updated periodically. Accessed November 1, 2019
- 2. Hetlioz™ [package insert]. Vanda Pharmaceuticals Inc., Washington, D.C.; December 2014. <a href="http://www.hetliozpro.com/Content/Pdfs/HetliozPl.pdf">http://www.hetliozpro.com/Content/Pdfs/HetliozPl.pdf</a>. Accessed Novemeber 1, 2019
- Vanda Pharmaceuticals. Efficacy and Safety of Tasimelteon Compared With Placebo in Totally Blind Subjects With Non-24-Hour Sleep-Wake Disorder. In: ClinicalTrials.gov [Internet]. Bethesda (MD): National Library of Medicine (US). 2000- [cited 2014 Mar 20]. Available from: <a href="http://www.clinicaltrials.gov/ct2/show/NCT01163032">http://www.clinicaltrials.gov/ct2/show/NCT01163032</a> NLM Identifier: NCT01163032.
- 4. Auger RR, Burgess HJ, Emens JS, et al. Clinical Practice Guideline for the Treatment of Intrinsic Circadian Rhythm Sleep-Wake Disorders: Advanced Sleep-Wake Phase Disorder (ASWPD), Delayed Sleep-Wake Phase Disorder (DSWPD), Non-24-Hour Sleep-Wake Rhythm Disorder (N24SWD), and Irregular Sleep-Wake Rhythm Disorder (ISWRD). An Update for 2015. Journal of Clinical Sleep Medicine. 2015; 11(10): 1199–1236. doi: [10.5664/jcsm.5100].
- 5. Daly A, Coppenrath V. Non-24-Hour Sleep-Wake Disorder: Disease Overview and Treatment Options. U.S. Pharmacist. 2015;40(6):48-52. https://www.uspharmacist.com/article/non-24-hour-sleep-wake-disorder-disease-overview-and-treatment-options.
- 6. Abbott SM, Goldstein CA, Eichler AF. Non-24-Hour Sleep-Wake Rhythm Disorder. Waltham, MA: UpToDate. Last modified August 10, 2018. https://www.uptodate.com/contents/non-24-hour-sleep-wake-rhythm-disorder. Accessed November 4, 2019.

#### xliv HIV Medications References

1. CDC Updated guidelines for antiretroviral postexposure prophylaxis after sexual, injection drug use, or other nonoccupational exposure to HIV—United States, 2016. https://stacks.cdc.gov/view/cdc/38856. Accessed May 25, 2021.

Last Update: 12.1.2020, 12.4.2020, 3.1.2021, 5.11.2021, 6.28.2021, 8.1.2021, 9.13.2021, 10.1.2021, 12.17.2021, 1.9.2022, 2.1.2022, 2.17.2022, 2.28.2022, 3.11.2022, 4.5.2022, 4.7.2022, 4.26.2022,



- 2. CDC PREEXPOSURE PROPHYLAXIS FOR THE PREVENTION OF HIV INFECTION IN THE UNITED STATES 2017 UPDATE <a href="https://www.cdc.gov/hiv/pdf/risk/prep/cdc-hiv-prep-guidelines-2017.pdf">https://www.cdc.gov/hiv/pdf/risk/prep/cdc-hiv-prep-guidelines-2017.pdf</a>. Accessed May 25, 2021.
- 3. HHS website AIDS guidelines; https://aidsinfo.nih.gov/guidelines/html/1/adult-and-adolescent-arv/0. Accessed May 25, 2021.

#### xlv Gleevec References

- Gleevec® [package insert]. East Hanover, NJ: Novartis U.S.; Revised August 2020. https://www.pharma.us.novartis.com/sites/www.pharma.us.novartis.com/files/gleevec\_tabs.pdf. May 20, 2021.
- National Comprehensive Cancer Network (NCCN). NCCN Clinical Practice Guidelines in Oncology: Chronic Myeloid Leukemia. Version 3.2021 January 13, 2021; National Comprehensive Care Network. Available from <a href="http://www.nccn.org/professionals/physician\_gls/pdf/cml.pdf">http://www.nccn.org/professionals/physician\_gls/pdf/cml.pdf</a>. Accessed May 25, 2021.
- 3. National Comprehensive Cancer Network (NCCN). Clinical Practice Guidelines in Oncology: Acute Lymphoblastic Leukemia. Version 1.2021 April 6, 2021; National Comprehensive Care Network. Available from <a href="http://www.nccn.org/professionals/physician\_gls/pdf/all.pdf">http://www.nccn.org/professionals/physician\_gls/pdf/all.pdf</a>. Accessed May 25, 2021.
- 4. National Comprehensive Cancer Network (NCCN). Clinical Practice Guidelines in Oncology: Myelodysplastic Syndromes. Version 3.2021 January 15, 2021; National Comprehensive Care Network. Available from <a href="https://www.nccn.org/professionals/physician\_gls/pdf/mds.pdf">https://www.nccn.org/professionals/physician\_gls/pdf/mds.pdf</a>. Accessed May 25, 2021.
- 5. National Comprehensive Cancer Network (NCCN). Clinical Practice Guidelines in Oncology: Soft Tissue Sarcoma. Version 2.2021 April 28, 2021; National Comprehensive Care Network. Available from <a href="https://www.nccn.org/professionals/physician\_gls/pdf/sarcoma.pdf">https://www.nccn.org/professionals/physician\_gls/pdf/sarcoma.pdf</a>. Accessed May 25, 2021.
- 6. National Comprehensive Cancer Network (NCCN). Clinical Practice Guidelines in Oncology: Cutaneous Melanoma. Version 2.2021 February 19, 2021; National Comprehensive Care Network. Available from <a href="https://www.nccn.org/professionals/physician\_gls/pdf/cutaneous melanoma.pdf">https://www.nccn.org/professionals/physician\_gls/pdf/cutaneous melanoma.pdf</a>. Accessed May 25, 2021.
- 7. National Comprehensive Cancer Network (NCCN). Clinical Practice Guidelines in Oncology: AIDS-Related Kaposi Sarcoma. Version 2.2019. 2018 Nov 29; National Comprehensive Care Network. Available from <a href="https://www.nccn.org/professionals/physician\_gls/pdf/kaposi.pdf">https://www.nccn.org/professionals/physician\_gls/pdf/kaposi.pdf</a>. Accessed February 5, 2020
- 8. Chao, N.J. (2018). Treatment of chronic graft-versus-host disease. In R. S. Negrin (Ed.), *UpToDate*. Retrieved February 5, 2020, from <a href="https://www.uptodate.com/contents/treatment-of-chronic-graft-versus-host-disease">https://www.uptodate.com/contents/treatment-of-chronic-graft-versus-host-disease</a>.
- 9. Antineoplastics Pharmacy Clinical Policy Bulletins Aetna Non-Medicare Prescription Drug Plan. Aetna Clinical Pharmacy Bulletins. <a href="http://www.aetna.com/products/rxnonmedicare/data/2021/Specialty/Gleevec.html">http://www.aetna.com/products/rxnonmedicare/data/2021/Specialty/Gleevec.html</a>. Accessed May 20, 2021

#### xivi Intravaginal Progesterone Products References

- Crinone [package insert]. Actavis Pharma, Inc., Parsippany, NJ; Revised November 2017.
   <a href="https://dailymed.nlm.nih.gov/dailymed/lookup.cfm?setid=7def92fe-d521-41c0-b419-48e028f59f15">https://dailymed.nlm.nih.gov/dailymed/lookup.cfm?setid=7def92fe-d521-41c0-b419-48e028f59f15</a>. Accessed December 13, 2019.
- Endometrin [package insert]. Ferring Pharmaceuticals., Parsippany, NJ; Revised September 12, 2019.
   <a href="https://dailymed.nlm.nih.gov/dailymed/lookup.cfm?setid=2ba50fa9-b349-40cb-9a4b-1af8faa4ec09">https://dailymed.nlm.nih.gov/dailymed/lookup.cfm?setid=2ba50fa9-b349-40cb-9a4b-1af8faa4ec09</a>. Accessed December 13, 2019.
- 3. First-progesterone suppositories [package insert]. Cutis Pharm, Wilmington, MA; May 2015.
- 4. The American College of Obstetricians and Gynecologists. Committee on Practice Bulletins Obstetrics, Practice Bulletin: Prediction and Prevention of Preterm Birth. Obstetrics & Gynecology. Oct 2012; 120;4: 964-973.
- 5. National Institute for Health and Care Excellence. Preterm labour and birth (NG25): NICE guideline. Aug. 2019.
- 6. O'brien, J.M., DeFranco, E.A., Adair, C.D., Lewis, D.F., Hall, D.R., How, H., Bsharat, M., and Creasy, G.W. Effect of progesterone on cervical shortening in women at risk for preterm birth: secondary analysis from a multinational, randomized, double-blind, placebo-controlled trial. *Ultrasound Obstet Gynecol* 2009; 34:653-659.

Last Update: 12.1.2020, 12.4.2020, 3.1.2021, 5.11.2021, 6.28.2021, 8.1.2021, 9.13.2021, 10.1.2021, 12.17.2021, 1.9.2022, 2.1.2022, 2.17.2022, 2.28.2022, 3.11.2022, 4.5.2022, 4.7.2022, 4.26.2022,



- 7. Coomarasamy, A., Williams, H., Truchanowicz, E., et al. A randomized trial of progesterone in women with recurrent miscarriages. *N Engl J Med*. 2015;373:2141-8.
- 8. Gold Standard, Inc. Progesterone. Clinical Pharmacology [database online]. Available at: <a href="http://www.clinicalpharmacology.com">http://www.clinicalpharmacology.com</a>. Accessed December 13, 2019.
- 9. Norwitz, E.R. (2019). Progesterone supplementation to reduce the Risk of spontaneous preterm birth. In C.J. Lockwood (Ed), *UpToDate*. Retrieved December 13, 2019 from <a href="https://www.uptodate.com/contents/progesterone-supplementation-to-reduce-the-risk-of-spontaneous-preterm-birth">https://www.uptodate.com/contents/progesterone-supplementation-to-reduce-the-risk-of-spontaneous-preterm-birth</a>.
- 10. Corrine, K.W., & Barbieri, R.L. (2018). Evaluation and management of secondary amenorrhea. In W.F. Crowley & M.E. Geffner (Ed), *UpToDate*. Retrieved December 13, 2019, from https://www.uptodate.com/contents/evaluation-and-management-of-secondary-amenorrhea.

### xlvii Inlyta References:

- 3. Inlyta® [package insert]. New York, NY: Pfizer Inc; Revised June 2020. <a href="http://labeling.pfizer.com/ShowLabeling.aspx?id=759">http://labeling.pfizer.com/ShowLabeling.aspx?id=759</a>. Accessed May 21, 2021.
- 4. National Comprehensive Cancer Network (NCCN). NCCN Clinical Practice Guidelines in Oncology: Kidney Cancer. version 4.2021 April 19, 2021; National Comprehensive Cancer Network. Available from: <a href="http://www.nccn.org/professionals/physician\_gls/pdf/kidney.pdf">http://www.nccn.org/professionals/physician\_gls/pdf/kidney.pdf</a>. Accessed May 21, 2021.
- 5. National Comprehensive Cancer Network (NCCN). NCCN Clinical Practice Guidelines in Oncology: Thyroid Carcinoma. version 1.2021 April 9, 2021; National Comprehensive Cancer Network. Available from: <a href="https://www.nccn.org/professionals/physician\_gls/pdf/thyroid.pdf">https://www.nccn.org/professionals/physician\_gls/pdf/thyroid.pdf</a>. Accessed May 21, 2021.

### xlviii Interferon References

- Intron A (interferon alfa-2b) [package insert]. August 2019. Kenilworth, NJ; Merck Sharp & Dohme Corp. https://dailymed.nlm.nih.gov/dailymed/fda/fdaDrugXsl.cfm?setid=30789790-8317-49f9-b97b-8c5ba17b53d2&type=display Accessed May 21,2021
- 2. Actimmune (interferon gamma-1b) [package insertRevised March 2021. Roswell, GA; HZNP USA, Inc. <a href="https://www.hzndocs.com/ACTIMMUNE-Prescribing-Information.pdf">https://www.hzndocs.com/ACTIMMUNE-Prescribing-Information.pdf</a> Accessed May 21, 2021.
- 3. National Comprehensive Cancer Network. Hairy Cell Leukemia version 2.2021 March 11, 2021. NCCN. https://www.nccn.org/professionals/physician\_gls/pdf/hairy\_cell.pdf. Accessed May 21, 2021.
- 4. National Comprehensive Cancer Network. Cutaneous Melanoma version 2.2021 February 19, 2021. NCCN. <a href="https://www.nccn.org/professionals/physician\_gls/pdf/cutaneous\_melanoma.pdf">https://www.nccn.org/professionals/physician\_gls/pdf/cutaneous\_melanoma.pdf</a>. Accessed May 21, 2021.
- 5. National Comprehensive Cancer Network. T-cell Lymphomas version 1.2021 October 5, 2020. NCCN. <a href="https://www.nccn.org/professionals/physician\_gls/pdf/t-cell.pdf">https://www.nccn.org/professionals/physician\_gls/pdf/t-cell.pdf</a>. Accessed May 21, 2021.
- 6. Terrault, N. A., Bzowej, N. H., Chang, K.-M., Hwang, J. P., Jonas, M. M. and Murad, M. H. (2018), Update on Preventon, Diagnosis and Treatment of Chronic Hepatitis B: AASLD 2018 Hepatitis B Guidance. <a href="https://www.aasld.org/sites/default/files/2019-06/HBVGuidance\_Terrault\_et\_al-2018-Hepatology.pdf">https://www.aasld.org/sites/default/files/2019-06/HBVGuidance\_Terrault\_et\_al-2018-Hepatology.pdf</a> Hepatology, 67: 261-283. Accessed May 21, 2021.



- 1. Apidra® Solostar® [package insert]. Bridgewater, New Jersey. Sanofi-aventis U.S. LLC; Revised November 2019. http://products.sanofi.us/Apidra/apidra.html. Accessed September 3, 2020.
- 2. Humulin® N Kwikpen [package insert]. Indianapolis, Indiana. Lilly USA, LLC; Revised November 2020. <a href="http://pi.lilly.com/us/HUMULIN-N-USPI.pdf">http://pi.lilly.com/us/HUMULIN-N-USPI.pdf</a>. Accessed September 3, 2020.
- 3. Toujeo® Solostar [package insert]. Bridgewater, New Jersey. Sanofi-aventis U.S. LLC; Revised November 2019. http://products.sanofi.us/Toujeo/Toujeo.pdf. Accessed September 3, 2020.
- 4. American Diabetes Association. Standards of Medical Care in Diabetes—2020. <a href="https://care.diabetesjournals.org/content/43/Supplement\_1">https://care.diabetesjournals.org/content/43/Supplement\_1</a>. Accessed September 3, 2020.
- 5. Basaglar KwikPen® [package insert]. Indianapolis, Indiana. Lilly USA, LLC; Revised November 2019. <a href="http://pi.lilly.com/us/basaglar-uspi.pdf">http://pi.lilly.com/us/basaglar-uspi.pdf</a>. Accessed September 3, 2020.
- 6. Lyumjev KwikPen® [package insert]. Indianapolis, Indiana. Lilly USA, LLC; Revised June 2020. https://pi.lilly.com/us/lyumjev-uspi.pdf?s=pi. Accessed September 3, 2020.
- Semglee [package insert]. Morgantown, West Virginia. Mylan U.S.A. Revised July 2020.
   https://dailymed.nlm.nih.gov/dailymed/fda/fdaDrugXsl.cfm?type=display&setid=970259e5-179a-4116-9d09-f3f8ad052283
   Accessed September 9, 2020.

#### li Janus Associated Kinase Inhibitors

- 1. Jakafi® (ruxolitinib) [package insert]. Wilmington, DE: Incyte, Corporation; Revised Jan 2020. <a href="https://www.jakafi.com/pdf/prescribing-information.pdf">https://www.jakafi.com/pdf/prescribing-information.pdf</a>. Accessed August 20, 2020.
- National Comprehensive Cancer Network. Myeloproliferative Neoplasms. (Version 2.2019). <a href="https://www.nccn.org/professionals/physician\_gls/pdf/mpn.pdf">https://www.nccn.org/professionals/physician\_gls/pdf/mpn.pdf</a>. Updated October 29, 2018. Accessed August 20, 2019.
- 3. Arber DA, Orazi A, Hasserjian R, et al. The 2016 revision to the World Health Organization classification of myeloid neoplasms and acute leukemia. Blood. 2016;127(20):2391-2405.
- 4. Tefferi, A. Overview of the myeloproliferative neoplasms: UpToDate, Waltham, MA. <a href="https://www.uptodate.com/contents/overview-of-the-myeloproliferative-neoplasms?source=history\_widget">https://www.uptodate.com/contents/overview-of-the-myeloproliferative-neoplasms?source=history\_widget</a> Accessed August 13, 2018
- 5. Harris AC, Young R, Devine S, et al. International, Multicenter Standardization of Acute Graft-versus-Host Disease Clinical Data Collection: A Report from the Mount Sinai Acute GVHD International Consortium. Biol Blood Marrow Transplant. 2016;22(1):4–10. doi:10.1016/j.bbmt.2015.09.001
- 6. Inrebic (fedratinib) [package insert]. Celgene Corporation. Revised August 2019. https://www.accessdata.fda.gov/drugsatfda\_docs/label/2019/212327s000lbl.pdf. Accessed September 25, 2019
- 7. Inrebic (fedratinib) [package insert]. Summit, NJ: Celgene Corporation; 2019. <a href="https://media2.celgene.com/content/uploads/inrebic-pi.pdf">https://media2.celgene.com/content/uploads/inrebic-pi.pdf</a>. Accessed August 20, 2020.
- 8. National Comprehensive Cancer Network. Hematopoietic Cell Transplantation. (Version 2.2020). <a href="https://www.nccn.org/professionals/physician\_gls/pdf/hct.pdf">https://www.nccn.org/professionals/physician\_gls/pdf/hct.pdf</a>. Updated March 23, 2020. Accessed August 20, 2020.

### iii Juxtapid/Kynamro References

Last Update: 12.1.2020, 12.4.2020, 3.1.2021, 5.11.2021, 6.28.2021, 8.1.2021, 9.13.2021, 10.1.2021, 12.17.2021, 1.9.2022, 2.1.2022, 2.17.2022, 2.28.2022, 3.11.2022, 4.5.2022, 4.7.2022, 4.26.2022,



- 1. Gidding SS, Champagne MA, Ferranti SD, et al. on behalf of the American Heart Association Atherosclerosis, Hypertension, and Obesity in the Young Committee of the Council on Cardiovascular Disease in the Young, Council on Cardiovascular and Stroke Nursing, Council on Functional Genomics and Translational Biology, and Council on Lifestyle and Cardiometabolic Health Circulation. 2015; 132:2167-2192. doi: 10.1161/CIR.000000000000297.
- 2. Jellinger PS, Handelsman Y, Rosenblit PD, et al. American Association of Clinical Endocrinologists And American College Of Endocrinology Guidelines For Management Of Dyslipidemia And Prevention Of Cardiovascular Disease. Endocrine Practice, vol. 23, no. Supplement 2, 2017; 1–87. doi:10.4158/ep171764.appgl.
- 3. Lloyd-Jones DM, Morris PB, Ballantyne CM, et al. 2017 Focused Update of the 2016 ACC Expert Consensus Decision Pathway on the Role of Non-Statin Therapies for LDL-Cholesterol Lowering in the Management of Atherosclerotic Cardiovascular Disease Risk: A Report of the American College of Cardiology Task Force on Expert Consensus Decision Pathways, In Journal of the American College of Cardiology, Volume 70, Issue 14, 2017; 1785-1822. doi.org/10.1016/j.jacc.2017.07.745.
- 4. Watts GF, Gidding S, Wierzbicki AS, et al. Integrated guidance on the care of familial hypercholesterolemia from the International FH Foundation, In International Journal of Cardiology, Volume 171, Issue 3, 2014; 309-325. doi.org/10.1016/j.ijcard.2013.11.025.
- Grundy, SM, Stone, NJ, et al. 2018 AHA/ACC/AACVPR/AAPA/ABC/ACPM/ADA/AGS/APhA/ASPC/NLA/PCNA Guideline on the Management of Blood Cholesterol A Report of the American College of Cardiology/American Heart Association Task Force on Clinical Practice Guidelines, In Journal of the American College of Cardiology, November 2018. DOI: 10.1016/j.jacc.2018.11.003
- 6. Juxtapid® [package insert]. Cambridge, MA. Aegerion Pharmaceuticals, Inc. August 2017. Retrieved from <a href="http://www.juxtapidpro.com/prescribing-information">http://www.juxtapidpro.com/prescribing-information</a>. Accessed September 23,2019.
- Clinical Pharmacology. [database online]. Tampa, FL. Gold Standard, Inc. Retrieved from https://www.clinicalkey.com/pharmacology/monograph/3794?sec=monindi&n=Juxtapid. Accessed September 23,2019.
- 8. Clinical Pharmacology. [database online]. Tampa, FL. Gold Standard, Inc. Retrieved from <a href="https://www.clinicalkey.com/pharmacology/monograph/3800?sec=monindi&n=Kynamro">https://www.clinicalkey.com/pharmacology/monograph/3800?sec=monindi&n=Kynamro</a>. Accessed September 23,2019.
- 9. Arnett DK, Blumenthal, SR, et al. 2019 ACC/AHA Guideline on the Management of Blood Cholesterol A Report of the American College of Cardiology/American Heart Association Task Force on Clinical Practice Guideline). Recent guidelines included 2019 ACC/AHA Guideline on the Primary Prevention of Cardiovascular Disease. Circulation. 2019;140:e596–e646. https://www.ahajournals.org/doi/10.1161/CIR.0000000000000000878.
- 10. Rosenson RS, de Ferranti SD, Durrington P, (2018). Treatment of drug-resistant hypercholesterolemia. In GM Saperia (Ed.), *UpToDate*.. Retrieved September 23, 2019 from <a href="https://www.uptodate.com/contents/treatment-of-drug-resistant-hypercholesterolemia?search=homozygous%20familial%20hypercholesterolemia&source=search\_result&selectedTitle=3~150&usage\_type=default&display\_rank=3#H82436065.

### liii Korlym References

- 1. Korlym [package insert]. Corcept Therapeutics Incorporated, Menlo Park, CA 940252; November 2019. <a href="https://www.korlym.com/hcp/wp-content/uploads/sites/2/2018/01/K-00017-NOV-2019\_electronic-Pl\_r8\_FINAL.pdf">https://www.korlym.com/hcp/wp-content/uploads/sites/2/2018/01/K-00017-NOV-2019\_electronic-Pl\_r8\_FINAL.pdf</a>. Accessed October 28, 2019.
- DailyMed [online database]. U.S. National Library of Medicine, 8600 Rockville Pike, Bethesda, MD 20894; updated July 2019 <a href="https://dailymed.nlm.nih.gov/dailymed/drugInfo.cfm?setid=542f3fae-8bc8-4f00-9228-e4b66c9ad6a9">https://dailymed.nlm.nih.gov/dailymed/drugInfo.cfm?setid=542f3fae-8bc8-4f00-9228-e4b66c9ad6a9</a>. Accessed October 28, 2019
- 3. Fleseriu M, Biller BM, Findling JW, Molitch ME, Schteingart DE, Gross C; SEISMIC Study Investigators. Mifepristone, a glucocorticoid receptor antagonist, produces clinical and metabolic benefits in patients with Cushing's syndrome. J Clin Endocrinol Metab. 2012 Jun;97(6):2039-49. doi:

10.1210/jc 2011-3350, Epub 2012 Mar 30, Last Update: 12.1.2020, 12.4.2020, 3.1.2021, 5.11.2021, 6.28.2021, 8.1.2021, 9.13.2021, 10.1.2021, 12.17.2021, 1.9.2022, 2.1.2022, 2.17.2022, 2.28.2022, 3.11.2022, 4.5.2022, 4.7.2022, 4.26.2022,



- 4. Facts and Comparisons [online database]. Wolters Kluwer Health, St. Louis, MO; updated November 2019. https://online.lexi.com/lco/action/search?q=Korlym&t=name&va=korl#adr-nested-1. Accessed November 1, 2019
- 5. Clinical Pharmacology [online database]. Tampa, FL: Gold Standard, Inc; updated October 2019. <a href="http://www.clinicalpharmacology-ip.com/Forms/Monograph/monograph.aspx?cpnum=405&sec=monindi&t=0">http://www.clinicalpharmacology-ip.com/Forms/Monograph/monograph.aspx?cpnum=405&sec=monindi&t=0</a> Accessed October 28,2019

### liv Krystexxa References

- Krystexxa [package insert]. Lake Forest, IL: Horizon Pharma USA Inc.; January 2020. Retrieved on May 5, 2020 from https://www.hzndocs.com/KRYSTEXXA-Prescribing-Information.pdf
- 2. Probenecid [package insert]. Parsippany, NJ: Actavis Pharma, Inc.; December 2016.
- 3. Febuxostat [package insert]. Eatontown, NJ: Hikama Pharmaceuticals USA Inc.; July 2019.
- 4. IBM Micromedex (electronic version). Truven Health Analytics, Ann Arbor, Michigan. Available at <a href="http://www.micromedexsolutions.com">http://www.micromedexsolutions.com</a>. Accessed November 17, 2019.
- 5. Khanna D, Fitzgerald JD, Khanna PP, et al. 2012 American College of Rheumatology guidelines for management of gout. Part 1: systematic nonpharmacologic and pharmacologic therapeutic approaches to hyperuricemia. Arthritis Care Res. 2012;64(10):1431-1446.
- 6. Richette P, Doherty M, Pascual E, et al. 2016 updated EULAR evidence-based recommendations for the management of gout. Ann Rheum Dis. 2017;76:29-42.
- 7. Khanna D, Khanna PP, Fitzgerald JD, et al. 2012 American College of Rheumatology guidelines for management of gout. Part 2: therapy and anti-inflammatory prophylaxis of acute gouty arthritis. Arthritis Care Res. 2012;64(10):1447-1461.
- 8. Hui M, Carr A, Cameron S, et al. The British Society for Rheumatology Guideline for the Management of Gout. Rheumatology. 2017;56(7):e1–e20. Available at https://doi.org/10.1093/rheumatology/kex156
- 9. Sivera F, Andres M, Carmona L, et al. Multinational evidence-based recommendations for the diagnosis and management of gout: integrating systemic literature review and expert opinion of a broad panel of rheumatologists in the 3e initiative. Ann Rheum Dis. 2014;73(2):328-335.

#### lv Lidocaine Patch References

- 1. Feldman E, McCulloch DK. (2019). Management of Diabetic Neuropathy. 2019. In A.F. Eichler (Ed.), *UpToDate*. Retrieved December 31, 2019, from <a href="https://www.uptodate.com/contents/treatment-of-diabetic-neuropathy#H236124">https://www.uptodate.com/contents/treatment-of-diabetic-neuropathy#H236124</a>.
- Lidoderm 5% (lidocaine 5% patches). [Prescribing information]. Endo pharmaceutical Inc. Malvern, PA 19355, November 2018.
   <a href="http://www.endo.com/File%20Library/Products/Prescribing%20Information/LIDODERM">http://www.endo.com/File%20Library/Products/Prescribing%20Information/LIDODERM</a> prescribing information.html Accessed October 7 2019
- 3. Ztlido 1.8% [Prescribing information]. Scilex Pharmaceuticals Inc. San Diego CA, 92121 November 2018. https://www.ztlido.com/sites/default/files/pdfs/ZTlido-LABEL.pdf. Accessed December 31, 2019
- 4. Cruccu, Giogio and Truini, Andrea A review of Neuropathic pain: from guidelines to clinical practice, Published online 24 November 2017, Volume 6 Supplement 1 pp 35 -42 doi: 10.1007/s40122-017-0087-0 Accessed October 7 2019
- 5. Clinical Pharmacology. <a href="https://www.clinicalkey.com/pharmacology/monograph/348?n=Lidocaine%205%%20Transdermal%20Patch&aprid=72486">https://www.clinicalkey.com/pharmacology/monograph/348?n=Lidocaine%205%%20Transdermal%20Patch&aprid=72486</a>
  Accessed October 8 2019
- 6. American academy of Neurology, Treatment of postherpetic Neuralgia, Treatment of painful diabetic neuropathy, <a href="https://www.aan.com/Guidelines/home/GetGuidelineContent/480">https://www.aan.com/Guidelines/home/GetGuidelineContent/480</a> Accessed October 8 2019

Wi Makena References Last Update: 12.1.2020, 12.4.2020, 3.1.2021, 5.11.2021, 6.28.2021, 8.1.2021, 9.13.2021, 10.1.2021, 12.17.2021, 1.9.2022, 2.1.2022, 2.17.2022, 2.28.2022, 3.11.2022, 4.5.2022, 4.7.2022, 4.26.2022,



- 1. Makena (17- hydroxyprogesterone caproate) [package insert]. Waltham, MA: AMAG Pharmaceutical, Inc; August 2017.
- 2. Meis PJ, Klebanoff M, Thom E, et al. Prevention of recurrent preterm delivery by 17 alpha-hydroxyprogesterone caproate. *N Engl J Med.* 2003;348(24):2379-85.
- 3. Makena [Daily Med]. NIH, U.S. National Library of Medicine. Updated 26 Feb. 2018. Accessed 31 Dec. 2019
- 4. Hydroxyprogesterone caproate [prescribing information]. Baudette, MN: ANI Pharmaceuticals Inc; June 2016.
- 5. Obstet Gynecol. 2018 Jul;132(1):102-106. doi: 10.1097/AOG.0000000000002695
- 6. Norwitz, E.R., (2018). Progesterone supplementation to reduce the risk of spontaneous preterm birth, In V.A. Barss (Ed), UpToDate. Retrieved November 12, 2018\_from <a href="https://www.uptodate.com/contents/progesterone-supplementation-to-reduce-the-risk-of-spontaneous-preterm-birth?search=makena&source=search\_result&selectedTitle=2~58&usage\_type=default&display\_rank=1</a>
- 7. Makena. Clinical Pharmacology [Internet]. Tampa (FL): Gold Standard, Inc.; Retrieved from: <a href="http://www.clinicalpharmacology-ip.com/Forms/Monograph/monograph.aspx?cpnum=3534&sec=monindi&t=0">http://www.clinicalpharmacology-ip.com/Forms/Monograph/monograph.aspx?cpnum=3534&sec=monindi&t=0</a>. Accessed November 19, 2019

### lvii Monoamine depletors References

- Ingrezza (valbenazine oral capsules) package insert. 07/2019
- 2. Micromedex products. 2016 Truven Health Analytics Inc., Available at: <a href="http://www.micromedexsolutions.com/micromedex2/librarian/">http://www.micromedexsolutions.com/micromedex2/librarian/</a>. Accessed on 05/25/17.
- 3. Armstrong MJ, Miyasaki JM. Evidence-based guideline: Pharmacologic treatment of chorea in Huntington disease: Report of the guideline development subcommittee of the American Academy of Neurology. Neurology 2012;79:597-603.
- 4. Austedo (deutetrabenazine) tablets package insert. 07/2019
- 7. Xenazine (tetrabenazine) package insert. Deerfield, IL: Lundbeck, Inc.; 2015 Jun.
- 8. Fernandez, Hubert H. Randomized controlled trial of deutetrabenazine for tardive dyskinesia: The ARM-TD study, Neurology 2017; 88 (21) p.2003-2010. Accessed November 20, 2018, from https://www.ncbi.nlm.nih.gov/pubmed?term=28446646.
- 9. Anderson, Karen E. Deutetrabenazine for treatment of involuntary movements in patients with tardive dyskinesia (AIM-TD): a double-blind, randomized, placebo-controlled, phase 3 trial. Lancet Psychiatry 2017; S2215-0366(17)30236-5.
- 10. <u>Huntington Study Group. Effect of Deutetrabenazine on Chorea Among Patients With Huntington Disease: A Randomized Clinical Trial. JAMA.</u> 2016;316(1):40–50. doi:10.1001/jama.2016.8655. Accessed November 21, 2018, from https://jamanetwork.com/journals/jama/fullarticle/2532012.

### lviii Mulpleta References

- Mulpleta® [package insert]. Florham Park, New Jersey: Shionogi Inc.; Revised April 2020. <a href="https://www.shionogi.com/content/dam/shionogi/si/products/pdf/mulpleta.pdf">https://www.shionogi.com/content/dam/shionogi/si/products/pdf/mulpleta.pdf</a>. Accessed June 2, 2021.
- 2. Miller JB, Figueroa EJ, et. al. Thrombocytopenia in Chronic Liver Disease and the Role of Thrombopoietin Agonists. Gastroenterology & Hepatology June 2019 Volume 15, Issue 6. <a href="https://www.gastroenterologyandhepatology.net/archives/june-2019/thrombocytopenia-in-chronic-liver-disease-and-the-role-of-thrombopoietin-agonists/">https://www.gastroenterologyandhepatology.net/archives/june-2019/thrombocytopenia-in-chronic-liver-disease-and-the-role-of-thrombopoietin-agonists/</a>. Accessed June 2, 2021.

### lix Multaq References

- 1. Multaq® [package insert]. Sanofi-Aventis U.S. LLC, Bridgewater, NJ; January 2017. <a href="http://products.sanofi.us/multaq/multaq/multaq.html">http://products.sanofi.us/multaq/multaq.html</a>. Accessed December 11, 2019.
- 2. 2014 AHA/ACC/HRS Guideline for the Management of Patients with Atrial Fibrillation: Executive Summary. Circulation. 2014; 130:2071-2104.
- 3. 2016 ESC Guidelines for the management of atrial fibrillation developed in collaboration with EACTS. European Heart Journal (2016) 37, 2893–2962 Last ಈ 2016 ESC Guidelines for the management of atrial fibrillation developed in collaboration with EACTS. European Heart Journal (2016) 37, 2893–2962 Last ಈ 2016 ESC Guidelines for the management of atrial fibrillation developed in collaboration with EACTS. European Heart Journal (2016) 37, 2893–2962 Last ಈ 2016 ESC Guidelines for the management of atrial fibrillation developed in collaboration with EACTS. European Heart Journal (2016) 37, 2893–2962 Last ಈ 2016 ESC Guidelines for the management of atrial fibrillation developed in collaboration with EACTS. European Heart Journal (2016) 37, 2893–2962 Last ಈ 2016 ESC Guidelines for the management of atrial fibrillation developed in collaboration with EACTS. European Heart Journal (2016) 37, 2893–2962 Last ಈ 2016 ESC Guidelines for the management of atrial fibrillation developed in collaboration with EACTS. European Heart Journal (2016) 37, 2893–2962 Last ಈ 2016 ESC Guidelines for the management of atrial fibrillation developed in collaboration with EACTS. European Heart Journal (2016) 37, 2893–2962 Last ಈ 2016 ESC Guidelines for the management of atrial fibrillation developed in collaboration with EACTS. European Heart Journal (2016) 37, 2893–2962 Last ಈ 2016 ESC Guidelines for the management of atrial fibrillation developed in collaboration with EACTS. European Heart Journal (2016) 37, 2893–2962 Last ಈ 2016 ESC Guidelines for the management of atrial fibrillation developed in collaboration with EACTS. European Heart Journal (2016) 37, 2893–2962 Last ಈ 2016 ESC Guidelines for the EACTS European Heart Journal (2016) 37, 2893–2962 Last ಈ 2016 ESC Guidelines for the EACTS European Heart Journal (2016) 37, 2893–2962 Last Heart Heart Journal (2016) 37, 2893–2962 Last Heart Heart Heart Journal (2016) 37, 2893–2962 Last Heart Hea



- 4. Teme, Tonye, Goldberger, Jeffrey J. Efficacy and tolerability of dronedarone for patients with atrial fibrillation. Cardiology Journal. 2013. 20(5): 486-490.
- 5. Clinical Pharmacology [database online]. Tampa, FL: Gold Standard, Inc., URL: <a href="http://www.clinicalpharmacology-ip.com/">http://www.clinicalpharmacology-ip.com/</a>. Updated periodically. Accessed December 11, 2019.
- 6. CORDARONE Amiodarone tablets [Prescribing Information]. Pfizer Wyeth Pharmaceuticals Inc. Philadelphia, PA. March 2015.
- 7. January CT, Wann S, Alpert JS, et al. 2014 AHA/ACC/HRS Guideline for the Management of Patients With Atrial Fibrillation: A Report of the American College of Cardiology/American Heart Association Task Force on Practice Guidelines and the Heart Rhythm Society. Journal of the American College of Cardiology. 2014;64(21). <a href="https://doi.org/10.1016/j.jacc.2014.03.022">doi.org/10.1016/j.jacc.2014.03.022</a>.
- 8. Passman, R., Giardina, E.G., (2018), Clinical uses of dronedarone, In B.C. Downey (Ed), UpToDate. Retrieved October 31, 2018 from
- 9. Kumar, K.K., (2017), Antiarrhythmic drugs to maintain sinus rhythm in patients with atrial fibrillation: Recommendations, In G.M. Saperia (Ed), UpToDate. Retrieved October 31, 2018 from <a href="https://www.uptodate.com/contents/antiarrhythmic-drugs-to-maintain-sinus-rhythm-in-patients-with-atrial-fibrillation-recommendations">https://www.uptodate.com/contents/antiarrhythmic-drugs-to-maintain-sinus-rhythm-in-patients-with-atrial-fibrillation-recommendations</a>

### <sup>lx</sup> Nexavar References

- Nexavar® [package insert]. Wayne, NJ: Bayer Healthcare Pharmaceuticals Inc.; Revised July 2020. http://labeling.bayerhealthcare.com/html/products/pi/Nexavar\_Pl.pdf. Accessed May 25, 2021.
- 2. National Comprehensive Cancer Network (NCCN). NCCN Clinical Practice Guidelines in Oncology: Kidney Cancer. Version 4.2021 April 19, 2021; National Comprehensive Cancer Network. Available from: <a href="http://www.nccn.org/professionals/physician\_gls/pdf/kidney.pdf">http://www.nccn.org/professionals/physician\_gls/pdf/kidney.pdf</a>. Accessed May 25, 2021.
- 3. National Comprehensive Cancer Network (NCCN). NCCN Clinical Practice Guidelines in Oncology: Hepatobiliary Cancers. Version 2.2021 April 16, 2021; National Comprehensive Cancer Network. Available from: <a href="https://www.nccn.org/professionals/physician\_gls/pdf/hepatobiliary.pdf">https://www.nccn.org/professionals/physician\_gls/pdf/hepatobiliary.pdf</a>. Accessed May 25, 2021.
- 4. National Comprehensive Cancer Network (NCCN). NCCN Clinical Practice Guidelines in Oncology: Bone Cancer. Version 1.2021 November 20, 2020; National Comprehensive Cancer Network. Available from: <a href="https://www.nccn.org/professionals/physician\_gls/pdf/bone.pdf">https://www.nccn.org/professionals/physician\_gls/pdf/bone.pdf</a>. Accessed May 25, 2021.
- 5. National Comprehensive Cancer Network (NCCN). NCCN Clinical Practice Guidelines in Oncology: Acute Myeloid Leukemia. Version 3.2021 March 2, 2021; National Comprehensive Cancer Network. Available from: <a href="https://www.nccn.org/professionals/physician\_gls/pdf/aml.pdf">https://www.nccn.org/professionals/physician\_gls/pdf/aml.pdf</a>. Accessed May 25, 2021.
- 6. National Comprehensive Cancer Network (NCCN). NCCN Clinical Practice Guidelines in Oncology: Soft Tissue Sarcoma. Version 2.2021 April 28, 2021; National Comprehensive Cancer Network. Available from: <a href="https://www.nccn.org/professionals/physician\_gls/pdf/sarcoma.pdf">https://www.nccn.org/professionals/physician\_gls/pdf/sarcoma.pdf</a>. Accessed May 25, 2021.
- 7. National Comprehensive Cancer Network (NCCN). NCCN Clinical Practice Guidelines in Oncology: Thyroid Carcinoma. Version 1.2021 April 9, 2021; National Comprehensive Cancer Network. Available from: <a href="https://www.nccn.org/professionals/physician-gls/pdf/thyroid.pdf">https://www.nccn.org/professionals/physician-gls/pdf/thyroid.pdf</a>. Accessed May 25, 2021.

### **References Non-Formulary Medication Guideline:**

Last Update: 12.1.2020, 12.4.2020, 3.1.2021, 5.11.2021, 6.28.2021, 8.1.2021, 9.13.2021, 10.1.2021, 12.17.2021, 1.9.2022, 2.1.2022, 2.17.2022, 2.28.2022, 3.11.2022, 4.5.2022, 4.7.2022, 4.26.2022,



- 1. Food and Drug Administration. Off-Label" and Investigational Use Of Marketed Drugs, Biologics, and Medical Devices. Guidance for Institutional Review Boards and Clinical Investigators. <a href="https://www.fda.gov/regulatory-information/search-fda-guidance-documents/label-and-investigational-use-marketed-drugs-biologics-and-medical-devices">https://www.fda.gov/regulatory-information/search-fda-guidance-documents/label-and-investigational-use-marketed-drugs-biologics-and-medical-devices</a>. Accessed May 26, 2021
- Centers for Medicare and Medicaid Services. October 2015. <a href="https://www.cms.gov/Medicare-Medicaid-Coordination/Fraud-Prevention/Medicaid-Integrity-Education/Downloads/off-label-marketing-factsheet.pdf">https://www.cms.gov/Medicare-Medicaid-Coordination/Fraud-Prevention/Medicaid-Integrity-Education/Downloads/off-label-marketing-factsheet.pdf</a>. Accessed May 25, 2021
- 3. Wittich CM, Burkle C, Lanier W. Ten Common Questions (and Their Answers) About Off-label Drug Use. Mayo Clin Proc. 2012 Oct; 87(10): 982–990. doi: 10.1016/j.mayocp.2012.04.017. https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3538391/
- 4. Congressional Research Services (CRS); Off-Label Use of Prescription Drugs, February 23, 2021; https://fas.org/sgp/crs/misc/R45792.pdf, Accessed May 26, 2021.

#### lxi Ondansetron References

- 13. Zofran (ondansetron) [package insert]. Research Triangle Park, NC; GlaxoSmithKline; Revised October 2016. https://www.accessdata.fda.gov/drugsatfda\_docs/label/2016/020103s035\_020605s019\_020781s019lbl.pdf. Accessed April 28, 2021.
- 14. Ondansetron. Clinical Pharmacology [database online]. Tampa, FL: Gold Standard, Inc. Available at: <a href="http://clinicalpharmacology-ip.com/Forms/Monograph/monograph.aspx?cpnum=453&sec=monindi&t=0">http://clinicalpharmacology-ip.com/Forms/Monograph/monograph.aspx?cpnum=453&sec=monindi&t=0</a>. Accessed April 28, 2021.
- 15. Guidelines on Chemotherapy-induced Nausea and Vomiting in Pediatric Cancer Patients. Children's Oncology Group. <a href="https://childrensoncologygroup.org/downloads/COG SC CINV Guidelines Document.pdf">https://childrensoncologygroup.org/downloads/COG SC CINV Guidelines Document.pdf</a>. July 21, 2020. Accessed April 28, 2021.

### lxii Onychomycosis references

- Jublia [Package Insert]. Bridgewater, NJ: Bausch Health US, LLC.; Revised July 2020. <a href="https://www.bauschhealth.com/Portals/25/Pdf/Pl/Jublia-Pl.pdf">https://www.bauschhealth.com/Portals/25/Pdf/Pl/Jublia-Pl.pdf</a>. Accessed April 28, 2021.
- Kerydin [Package Insert]. Melville, NY: PharmDerm; RevisedAugust 2018. <a href="https://dailymed.nlm.nih.gov/dailymed/drugInfo.cfm?setid=1ae61072-bca0-43f0-a741-07bda2d50c87">https://dailymed.nlm.nih.gov/dailymed/drugInfo.cfm?setid=1ae61072-bca0-43f0-a741-07bda2d50c87</a>. Accessed April 28, 2021.
- 3. Chander Grover and Shikha Bansal. Nail Biopsy: A User's Manual, Indian Dermatol Online J. 2018 Jan-Feb; 9(1): 3–15. doi: 10.4103/idoj.IDOJ\_268\_17. https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5803938/.
- 4. Goldstein AO, Bhatia N, Onychomycosis: Management. November 2020. In Ofori AO (Ed), retrieved from <a href="https://www.uptodate.com/contents/onychomycosis-management">https://www.uptodate.com/contents/onychomycosis-management</a>. Accessed April 28, 2021.
- 5. Wollina U, Nenoff P, Haroske G, Haenssle HA. The Diagnosis and Treatment of Nail Disorders. Dtsch Arztebl Int. 2016 Jul 25; 113(29-30):509-18. https://www.ncbi.nlm.nih.gov/books/NBK441853/

#### lxiii Overactive Bladder (OAB)

1. Gold Standard, Inc. Clinical Pharmacology [database online]. Available at: http://www.clinicalpharmacology.com. Accessed September 24, 2019.

#### lxiv Sickle Cell Disease Agents References

- Oxbryta™ [package insert]. South San Francisco, CA: Global Therapeutics; Revised November 2019. <a href="https://www.oxbryta.com/pdf/prescribing-information.pdf">https://www.oxbryta.com/pdf/prescribing-information.pdf</a>. Accessed May 3, 2021.
- 2. National Institutes of Health (NIH): National Heart, Lung, and Blood Institute (NHLBI). Evidence-Based Management of Sickle Cell Disease: Expert Panel Report, 2014. <a href="https://www.nhlbi.nih.gov/sites/default/files/media/docs/sickle-cell-disease-report%20020816">https://www.nhlbi.nih.gov/sites/default/files/media/docs/sickle-cell-disease-report%20020816</a> 0.pdf. Accessed May 3, 2021.

Last Update: 12.1.2020, 12.4.2020, 3.1.2021, 5.11.2021, 6.28.2021, 8.1.2021, 9.13.2021, 10.1.2021, 12.17.2021, 1.9.2022, 2.1.2022, 2.17.2022, 2.28.2022, 3.11.2022, 4.5.2022, 4.7.2022, 4.26.2022,



- 3. Vichinsky, E.P. (2020). Disease-modifying therapies for prevention of vaso-occlusive pain in sickle cell disease. In M. R. DeBaun (Ed.), *UpToDate*. Retrieved May 3, 2021 from: <a href="https://www.uptodate.com/contents/disease-modifying-therapies-for-prevention-of-vaso-occlusive-pain-in-sickle-cell-disease">https://www.uptodate.com/contents/disease-modifying-therapies-for-prevention-of-vaso-occlusive-pain-in-sickle-cell-disease.</a>
- 4. Endari [package insert]. Torrance, CA: Emmaus Medical, Inc; April 2020.
- 5. Niihara Y, Miller ST, et al. A phase 3 trial of l-glutamine in sickle cell disease. N Engl J Med. 2018;379(3):226-235

#### bv Platelet Inhibitors References

- 1. Vandvik, Per Olav, Lincoff, Michael A, Gore, Joel M, et al. Antithrombotic Therapy and Prevention of Thrombosis, 9th ed: American College of Chest Physicians Evidence-Based Clinical Practice Guidelines. CHEST Journal. February 2012; 141(2\_suppl)
- 2. O'Gara, Patrick, Kushner, Frederick et al. 2013 ACCF/AHA Guideline for the Management of ST-Elevation Myocardial Infarction: Journal of the American College of Cardiology <a href="http://www.onlinejacc.org/content/accj/61/4/e78.full.pdf?ga=2.16281206.1583954993.1522813721-1795673358.1522813721">http://www.onlinejacc.org/content/accj/61/4/e78.full.pdf?ga=2.16281206.1583954993.1522813721-1795673358.1522813721</a>
  Accessed April 03, 2018.
- 3. Levine, Glenn N., Bates, Eric R., Bittl, John A., et al. 2016 ACC/AHA Guideline Focused Update on Duration of Dual Antiplatelet Therapy in Patients with Coronary Artery Disease. A Report of the American College of Cardiology/American Heart Association Task Force on Clinical Practice Guidelines <a href="http://www.onlinejacc.org/content/accj/68/10/1082.full.pdf">http://www.onlinejacc.org/content/accj/68/10/1082.full.pdf</a>? ga=2.139399226.861223083.1560897735-963373453.1560897735. Accessed June 18, 2019.
- 4. Bonaca MP1, Gutierrez JA2, Creager MA2, et al. Acute Limb Ischemia and Outcomes with Vorapaxar in Patients with Peripheral Artery Disease: Results from the Trial to Assess the Effects of Vorapaxar in Preventing Heart Attack and Stroke in Patients With Atherosclerosis-Thrombolysis in Myocardial Infarction 50 (TRA2°P-TIMI 50). Circulation. 2016 Mar 8;133(10):997-1005. doi: 10.1161/CIRCULATIONAHA.115.019355. Epub 2016 Jan 29. https://www.ncbi.nlm.nih.gov/pubmed?term=26826179. Accessed June 19, 3019.
- 5. BRILINTA (ticagrelor) [package insert]. Wilmington, DE: AstraZeneca LP. Revised 04/2019. Retrieved from https://www.azpicentral.com/brilinta/brilinta.pdf#page=1. Accessed June 18, 2019.
- 6. ZONTIVITY (vorapaxar) [package insert]. Kenilworth, NJ: Merck & Co., Inc. Revised 12/2016. Retrieved from <a href="https://www.zontivityhcp.com/files/Zontivity">https://www.zontivityhcp.com/files/Zontivity</a> Prescribing Information.pdf. Accessed June 18, 2019.
- 7. Franchi F, Rollini F, Rivas A, Wali M, et al. Platelet Inhibition with Cangrelor and Crushed Ticagrelor in Patients With ST-Segment-Elevation Myocardial Infarction Undergoing Primary Percutaneous Coronary Intervention. Circulation. 2019;139(14):1661. <a href="https://www.ncbi.nlm.nih.gov/pubmed?term=30630341">https://www.ncbi.nlm.nih.gov/pubmed?term=30630341</a>. Accessed June 19, 2019.
- 8. Berger, JS, Davies, MG., (2019). UpToDate. Overview of lower extremity peripheral artery disease In Collins, KA, (Ed)., Retrieved from <a href="https://www.uptodate.com/contents/overview-of-lower-extremity-peripheral-artery-disease?search=Overview%20of%20lower%20extremity%20peripheral%20artery%20disease&source=search\_result&selectedTitle=1~150&usage\_ty\_pe=default&display\_rank=1. Accessed June 19, 2019.
- 9. Lincoff, A.M., Cutlip, D. (2019) UpToDate. Antiplatelet agents in acute ST-elevation myocardial infarction In GM Saperia (Ed)., Retrieved from <a href="https://www.uptodate.com/contents/antiplatelet-agents-in-acute-st-elevation-myocardial-infarction?search=Antiplatelet%20agents%20in%20acute%20ST-elevation%20myocardial%20infarction&source=search\_result&selectedTitle=1~150&usage\_type=default&display\_rank=1.</a> Accessed June 19, 2019.

### <sup>lxvi</sup> Lyrica References

Last Update: 12.1.2020, 12.4.2020, 3.1.2021, 5.11.2021, 6.28.2021, 8.1.2021, 9.13.2021, 10.1.2021, 12.17.2021, 1.9.2022, 2.1.2022, 2.17.2022, 2.28.2022, 3.11.2022, 4.5.2022, 4.7.2022, 4.26.2022,



- 1. Lyrica® [Package insert]. Pfizer, New York, NY June 2020. http://labeling.pfizer.com/ShowLabeling.aspx?id=561. Accessed May 25 2021
- Lyrica® CR [package insert]. New York, NY: Parke-Davis Div; June 2020. <a href="http://labeling.pfizer.com/showlabeling.aspx?id=9678">http://labeling.pfizer.com/showlabeling.aspx?id=9678</a>. Accessed May 25, 2021.
- 3. Clinical Pharmacology. http://www.clinicalpharmacology-ip.com/Default.aspx. Accessed March 30, 2020.
- 4. Ortega E. Postherpetic Neurlagia. Waltham, MA. UpToDate. Last modified July 31, 2019. <a href="https://www.uptodate.com/contents/postherpetic-neuralgia">https://www.uptodate.com/contents/postherpetic-neuralgia</a>. Accessed May 25, 2021.
- 5. Goldenberg LD. Initial Treatment of Fibromyalgia in Adults. Waltham, MA. UpToDate. Last modified January 23, 2020. <a href="https://www.uptodate.com/contents/initial-treatment-of-fibromyalgia-in-adults">https://www.uptodate.com/contents/initial-treatment-of-fibromyalgia-in-adults</a>. Accessed May 25, 2021.
- 6. Pop-Busui R, Boulton AJM, Feldman EL, et al. Diabetic Neuropathy: A Position Statement by the American Diabetes Association. Diabetes Care 2017; 40:136–154.
- 7. Davari M, Amani B, Khanijahani A, et al. Pregabalin and gabapentin in neuropathic pain management after spinal cord injury: a systematic review and meta-analysis. The Korean journal of pain. Jan; 33(1): 3–12. <a href="https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6944364">https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6944364</a>. Accessed May 25, 2021.
- 8. National Comprehensive Cancer Network (NCCN). NCCN Clinical Practice Guidelines in Oncology. Adult Cancer Pain Version 1.2021 February 26, 2021; National Comprehensive Cancer Network. Abstract available at <a href="https://www.nccn.org/professionals/physician\_gls/PDF/pain.pdf">https://www.nccn.org/professionals/physician\_gls/PDF/pain.pdf</a> Accessed May 25, 2021.

#### lxvii Promacta References

- Promacta® [package insert]. East Hanover, New Jersey: Norvartis Pharmaceuticals Corporation; Revised February 2021. <a href="https://www.pharma.us.novartis.com/sites/www.pharma.us.novartis.com/files/promacta.pdf">https://www.pharma.us.novartis.com/sites/www.pharma.us.novartis.co
- 2. Neunert C, Terrell DR, Arnold DM, Buchanan G, Cines DB, et al. The American Society of Hematology 2019 guidelines for immune thrombocytopenia. Blood. https://doi.org/10.1182/bloodadvances.2019000966. Accessed May 3, 2021.
- 3. Dahal S, Upadhyay S, Banjade R, Dhakal P, Khanal N, Bhatt VR. Thrombocytopenia in patients with chronic hepatitis c virus infection. Mediterranean Journal of Hematology and Infectious Diseases. <a href="https://www.ncbi.nlm.nih.gov/pmc/articles/PMC533732/">https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5333732/</a>. Accessed February 26, 2020.
- 4. Olson, T.S. (2019). Aplastic anemia: Pathogesis, clinical manifestations, and diagnosis. In W.C. Mentzer (Ed.), *UpToDate*; Retrieved May 3, 2021, from: <a href="https://www.uptodate.com/contents/aplastic-anemia-pathogenesis-clinical-manifestations-and-diagnosis">https://www.uptodate.com/contents/aplastic-anemia-pathogenesis-clinical-manifestations-and-diagnosis</a>.
- 5. Olson, T.S. (2021). Treatment of aplastic anemia in adults. In W.C. Mentzer (Ed.), *UpToDate*. Retrieved May 3, 2021, from: https://www.uptodate.com/contents/treatment-of-aplastic-anemia-in-adults.

### lxviii PCSK9 References

- 1. Repatha [Prescribing Information]. Thousand Oaks, CA: Amgen Inc.; February 2019
- 2. Praluent [Prescribing Information]. Bridgewater, NJ,: Regeneron and Sanofi Aventis LLC; April 2019
- 3. Stone, NJ, Robinson J, Lichtenstein AH, et al. 2013 ACC/AHA Guideline on the Treatment of Blood Cholesterol to Reduce Atherosclerotic Cardiovascular Risk in Adults: A Report of the American College of Cardiology/American Heart Association Task Force on Practice Guidelines. *J Am Coll Cardiol*. 2013; doi:10.1016/j.jacc.2013.11.002.
- 4. Management of familial hypercholesterolemia http://www.amcp.org/WorkArea/DownloadAsset.aspx?id=16222 http://www.google.com/url?url=http://www.amcp.org/WorkArea/DownloadAsset.aspx%3Fid%3D16222&rct=j&frm=1&q=&esrc=s&sa=U&ei=RJS UVf2bDsuTvATqvoHwAw&ved=OCEAOFiAG&usq=AFOiCNEDp9VnIHhpJLov4D4lOqRPWNuOLO

UVf2bDsuTyATgvoHwAw&ved=0CEAQFjAG&usg=AFQjCNEDp9VnIHhpJLov4D4lQgRPWNuQLQ Last Opudate. iz. 1.2020, 12.4.2020, 3.1.2021, 3.11.2021, 3.11.2021, 3.11.2021, 10.11.202



- 5. Cuchel M, Bruckert E, Ginsberg HN, et al. <u>Homozygous familial hypercholesterolaemia: new insights and guidance for clinicians to improve detection and clinical management. A position paper from the Consensus Panel on Familial Hypercholesterolaemia of the European Atherosclerosis Society. Eur Heart J. 2014 Aug 21;35(32):2146-57. doi: 10.1093/eurheartj/ehu274. Epub 2014 Jul 22.</u>
- 6. 2016 ACC Expert Consensus Decision Pathway on the Role of Non-Statin Therapies for LDL-Cholesterol Lowering in the Management of Atherosclerotic Cardiovascular Disease Risk; A Report of the American College of Cardiology Task Force on Clinical Expert Consensus Documents
- 7. 2017 Focused Update of the 2016 ACC Expert Consensus Decision Pathway on the Role of Non-Statin Therapies for LDL-Cholesterol Lowering in the Management of Atherosclerotic Cardiovascular Disease Risk: A Report of the American College of Cardiology Task Force on Expert Consensus Decision Pathways.
- 8. Lloyd-Jones DM, Morris PB, Ballantyne CM, et al. 09/05/2017. 2017 ACC Recommendations for Non-Statin Therapy. <a href="https://www.acc.org/latest-in-cardiology/ten-points-to-remember/2017/09/05/10/03/2017-focused-update-of-the-2016-acc-expert-consensus-nonstatin">https://www.acc.org/latest-in-cardiology/ten-points-to-remember/2017/09/05/10/03/2017-focused-update-of-the-2016-acc-expert-consensus-nonstatin</a>
- 9. Update on the use of PCSK9 inhibitors in adults: Recommendations from an Expert Panel of the National Lipid Association. Orringer, Carl E. et al. Journal of Clinical Lipidology, Volume 11, Issue 4, 880 890. 2017 Jul Aug;11(4):880-890. doi: 10.1016/j.jacl.2017.05.001.
- 10. DRUGDEX® System [Internet database]. Greenwood Village, CO: Thomson Micromedex. Accessed September 18, 2019.
- 11. Drug Facts and Comparisons online (www.drugfacts.com). Wolters Kluwer Health, St. Louis, MO. Accessed September 18, 2019.
- 12. Clinical Pharmacology [Internet database]. Elsevier/Gold Standard. Accessed September 18, 2019.

#### bix Duration of Therapy Limits for Proton Pump Inhibitors (PPIs) References

- 1. Vilcu AM, Sabatte L, Blanchon T, et al. Association between acute gastroenteritis and continuous use of proton pump inhibitors during winter periods of highest circulation of enteric viruses. *JAMA Netw Open.* 2019;2(11):e1916205. doi:10.1001/jamanetworkopen.2019.16205
- 2. Maes ML, Fixe DR, Linnebur SA. Adverse effects of proton-pump inhibitor use in older adults: a review of the evidence . Ther Adv Drug Saf. .297-273:(9)8;2017doi2042098617715381/10.1177:
- 3. Rotman SR, Bishop TF. Proton pump inhibitor use in the U.S. ambulatory setting, 2002-2009. *PLoS One*. 2013;8(2):e56060. doi:10.1371/journal.pone.0056060
- 4. Farrell B, Pottie K, ThompsonW, et al. Deprescribing proton pump inhibitors: evidence-based clinical practice guideline. *Can Fam Physician*. 2017;63(5):354-364.
- 5. Heidelbaugh JJ, Kim AH, Chang R, Walker PC. Overutilization of proton pump inhibitors: what the clinician needs to know. *Therap Adv Gastroenterol* 2012;5(4):219-32

### <sup>lxx</sup> High Dose Proton Pump Inhibitors (PPIs) References

#### <sup>lxxi</sup> Increlex References

- 1. Increlex [package insert]. Ipsen Biopharmaceuticals, Inc., Basking Ridge, NJ 07920 January 2019. <a href="https://www.ipsen.com/websites/lpsen-Online/wp-content/uploads/sites/9/2019/01/21153952/Increlex Full Prescribing Information1.pdf">https://www.ipsen.com/websites/lpsen-Online/wp-content/uploads/sites/9/2019/01/21153952/Increlex Full Prescribing Information1.pdf</a>. Accessed April 10, 2019.
- 2. Chernausek S, Backeljauw PF, Long-term treatment with recombinant insulin-like growth factor (IGF)-I in children with severe IGF-I deficiency due to growth hormone insensitivity. J Clin Endocrinol Metab. 2007 Mar;92(3):902-10. Retrieved from <a href="https://www.ncbi.nlm.nih.gov/pubmed?term=17192294">https://www.ncbi.nlm.nih.gov/pubmed?term=17192294</a>. Accessed April 12, 2019.

Last Update: 12.1.2020, 12.4.2020, 3.1.2021, 5.11.2021, 6.28.2021, 8.1.2021, 9.13.2021, 10.1.2021, 12.17.2021, 1.9.2022, 2.1.2022, 2.17.2022, 2.28.2022, 3.11.2022, 4.5.2022, 4.7.2022, 4.26.2022,



- 3. Rogol, AD, growth hormone insensitivity syndromes. 2019. In Hoppin AG, (Ed). <a href="https://www.uptodate.com/contents/growth-hormone-insensitivity-syndromes?search=mecasermin&source=search\_result&selectedTitle=2~9&usage\_type=default&display\_rank=1.">https://www.uptodate.com/contents/growth-hormone-insensitivity-syndromes?search=mecasermin&source=search\_result&selectedTitle=2~9&usage\_type=default&display\_rank=1.</a> Accessed April 12, 2019
- 4. Mecasermin (recombinant human insulin-like growth factor I): Monograph Drug information Retrieved from:

  <a href="https://www.uptodate.com/contents/mecasermin-recombinant-human-insulin-like-growth-factor-i-drug-information?search=mecasermin&source=panel search result&selectedTitle=1~9&usage type=panel&kp tab=drug general&display rank=1.

  Accessed 04/12/2019</a>

### lxxii Nuedexta References

- 1. Nuedexta® (dextromethorphan hybromide and quinidine sulfate). Avanir Pharmaceuticals, Inc. Aliso Viejo, CA. June 2019. https://www.nuedexta.com/sites/default/files/pdfs/Prescribing Information.pdf. Accessed April 30, 2020.
- 2. Ahmed A and Simmons Z. Pseudobulbar affect: prevalence and management. Therapeutics and Clinical Risk Management 2013;9:482-489.
- 3. Brook BR, Crumacker D, Fellus J, et al. PRISM: A novel research tool to assess the prevalence of pseudobulbar affect symptoms across neurological conditions. PLOS one.2013;8(8):e72232
- 4. Hammond FM, Alexnader DN, Cutler AJ, et al. PRISM II: an open-label study to assess effectiveness of dextromethorpahan/quinidine for pseudobulbar affect in patients with dementia, stroke or traumatic brain injury. BMD Neurology. 2016;16(89).
- 5. Lapchak P. Neuronal Dysregulation in Stroke-Associated Pseudobulbar Affect (PBA): Diagnostic scales and current treatment options. *J Neurol Neurophysiol.* 2016;6(5):323.
- 6. Miden SL, Feintein A, Kalk RS, et al. Evidence-based guideline: Assessment and management of psychiatric disorders in individuals with MS. *Neurology*. 2014;82(2):174-181.
- 7. Robinson RG, Parikh RM, and Lipsey JR, et al. Pathological laughing and crying following stroke: validation of a measurement scale and a double-blind treatment study. Am J Psychiatry. 1993;150(2): 286-293.
- 8. Woodard T.J., Charles K, et al. Review of the Diagnosis and Management of Pseudobulbar Affect. US Pharm. 2017;42(11)31-35.
- 9. Demier TL, Chen JJ. Pseudobulbar Affect: Considerations for Managed Care Professionals. The American Journal of Managed Care, 2017;23:-S0.
- 10. AJMC Managed Markets Network, Pharmacotherapeutic Management of Pseudobulbar Affect, December 2017; available from <a href="https://www.ajmc.com/journals/supplement/2017/pseudobulbar-affect-considerations-for-managed-care-professionals/pharmacotherapeutic-management-of-pseudobulbar-affect?p=2">https://www.ajmc.com/journals/supplement/2017/pseudobulbar-affect-considerations-for-managed-care-professionals/pharmacotherapeutic-management-of-pseudobulbar-affect?p=2</a>. Accessed April 30, 2020.

### lxxiii Progestin-IUD References

- Kyleena [package insert]. Whippany, NJ: Bayer HealthCare Pharmaceuticals Inc; 2018. https://labeling.bayerhealthcare.com/html/products/pi/Kyleena Pl.pdf. Accessed May 27, 2020.
- 2. Mirena [package insert]. Whippany, NJ: Bayer HealthCare Pharmaceuticals Inc; 2017. https://labeling.bayerhealthcare.com/html/products/pi/Mirena Pl.pdf. Accessed May 28, 2020.
- 3. Skyla [package insert]. Whippany, NJ: Bayer HealthCare Pharmaceuticals Inc; 2018. http://labeling.bayerhealthcare.com/html/products/pi/Skyla Pl.pdf. Accessed May 29, 2020.
- 4. Liletta [package insert]. Irvine, CA: Allergan USA, Inc; 2019. https://media.allergan.com/actavis/actavis/media/allergan-pdf-documents/product-prescribing/liletta\_shi\_pi.pdf. Accessed May 27, 2020.
- 5. The American College of Obstetricians and Gynecologists. 2017 ACOG Practice Bulletin. Long-Acting Reversible Contraception: Implants and Intrauterine Devices. Number 186. November 2017. Available at: <a href="https://www.acog.org/clinical/clinical-guidance/practice-bulletin/articles/2017/11/long-acting-reversible-contraception-implants-and-intrauterine-devices">https://www.acog.org/clinical/clinical-guidance/practice-bulletin/articles/2017/11/long-acting-reversible-contraception-implants-and-intrauterine-devices</a>.

Last Update: 12.1.2020, 12.4.2020, 3.1.2021, 5.11.2021, 6.28.2021, 8.1.2021, 9.13.2021, 10.1.2021, 12.17.2021, 1.9.2022, 2.1.2022, 2.17.2022, 2.28.2022, 3.11.2022, 4.5.2022, 4.7.2022, 4.26.2022,



- 6. Clinical Pharmacology [database online]. Tampa, FL: Gold Standard, Inc.; Retrieved from <a href="http://www.clinicalpharmacology-ip.com/">http://www.clinicalpharmacology-ip.com/</a>. Accessed May 29,2020.
- 7. Curtis KM, Jatlaoui TC, Tepper NK, et al. U.S. Selected Practice Recommendations for Contraceptive Use, 2016. MMWR Recomm Rep 2016;65(No. RR-4):1–66. DOI: http://dx.doi.org/10.15585/mmwr.rr6504a1.

#### Ixxiv Idiopathic Pulmonary Fibrosis Agents References

- 1. Esbriet [package insert]. Brisbane, CA: InterMune, Inc.; Revised July 2019. https://www.gene.com/download/pdf/esbriet\_prescribing.pdf. Accessed April 22, 2020.
- 2. Ofev [package insert]. Ridgefield, CT: Boehringer Ingelheim Pharmaceuticals, Inc.; Revised March 2020. <a href="https://docs.boehringer-ingelheim.com/Prescribing%20Information/PIs/Ofev.pdf">https://docs.boehringer-ingelheim.com/Prescribing%20Information/PIs/Ofev.pdf</a>. Accessed April 22, 2020.
- 3. Raghu G, Collard HR, Egan JJ et al. for the ATS/ERS/JRS/ALAT Committee on Idiopathic Pulmonary Fibrosis. An Official ATS/ERS/JRS/ALAT Statement: Idiopathic Pulmonary Fibrosis: Evidence-based Guidelines for Diagnosis and Management. Am J Respir Crit Care Med 2011; 183: 788-824.
- 4. National Guideline Clearinghouse (NGC). Guideline summary: An official ATS/ERS/JRS/ALAT clinical practice guideline: treatment of idiopathic pulmonary fibrosis. An update of the 2011 clinical practice guideline. In: National Guideline Clearinghouse (NGC) [Web site]. Rockville (MD): Agency for Healthcare Research and Quality (AHRQ); 2015 Jul 15. [cited 2017 Jul 07]. Available: <a href="https://www.guideline.gov">https://www.guideline.gov</a>
- 5. King TE Jr, Bradford WZ. A phase 3 trial of pirfenidone in patients with idiopathic pulmonary fibrosis. N Engl J Med. 2014;370(22):2083. Epub 2014 May 18.
- 6. Noble PW, Albera C. Pirfenidone in patients with idiopathic pulmonary fibrosis (CAPACITY): two randomized trials. Lancet. 2011;377(9779):1760. Epub 2011 May 13
- 7. Richeldi L, Costabel U. Efficacy of a tyrosine kinase inhibitor in idiopathic pulmonary fibrosis. N Engl J Med. 2011;365(12):1079.
- 8. TE King Jr, HR Collard. Idiopathic pulmonary fibrosis. The Lancet. 2011; 378: 1649-61.
- 9. Van den Hoogen F, Khanna D, Fransen J, Fransen J, Johnson SR, Baron M, et al. 2013 classification criteria for systemic sclerosis: an American College of Rheumatology/European league against rheumatism collaborative initiative. Arthritis Rheum. 2013;65:2737–47.

#### bxv Pulmonary Arterial Hypertension references

- 1. DrugPoints® System (<a href="www.statref.com">www.statref.com</a>) Thomson Micromedex, Greenwood Village, CO. DRUGDEX® System (Internet database). Greenwood Village, CO; Thomson Micromedex.
- 2. Drug Facts and Comparisons on-line. (www.drugfacts.com), Wolters Kluwer Health, St. Louis, MO.
- 3. Clinical Pharmacology (Internet database). Gold Standard Inc. Tampa, FL.
- 4. Rubin LJ, Badesch DB, Barst RJ, et al. Bosentan therapy for pulmonary arterial hypertension. N Engl J Med. 2002;346:896-903.
- 5. Barst RJ, McGoon M, Torbicki A, et al. Diagnosis and differential assessment of pulmonary arterial hypertension. J Am Coll Cardiology 2004:43(Suppl S): 40S-7S.
- 6. Galie N, Rubin LJ, Hoeper MM, et al. Treatment of patients with mildly symptomatic pulmonary arterial hypertension with bosentan (EARLY study): a double-blind, randomized controlled trial. Lancet 2008:371:2093-100.
- 7. Galie N, Badesch D, Oudiz R, et al. Ambrisentan Therapy for Pulmonary Arterial Hypertension. J Am Coll Cardiol 2005;46:529-35.
- 8. Wilkins MR, Paul G, Strange J, et al. Sildenafil versus Endothelin Receptor Antagonist for Pulmonary Hypertension (SERAPH) study. Am J Respir Crit Care Med 2005:171:1292-1297.
- 9. Hrometz S, Shields KM. Role of Ambrisentan in the management of pulmonary hypertension. Ann Pharmacother 2008:42:1653-9.
- 10. Badesch DB, Abman SH, Ahearn GS, et al. Medical therapy for pulmonary arterial hypertension. ACCP evidence-based clinical practice guidelines. Chest 2004:126:35S-62S.
- 11. McLaughlin VV, Arther SL, Badesch DB, et al. ACCF/AHA 2009 expert consensus document on pulmonary hypertension: A report of the American College of Cardiology Foundation task force on expert consensus documents and the American Heart Association. Circulation 2009:199:2250-94.

12. Adempas® (package insert). Whippany, NJ: Bayer HealthCare Pharmaceuticals Inc.: Jan 2018. Last Update: 12.1:2020, 12.4:2020, 3.1:2021, 5.11:2021, 6.28.2021, 8.1:2021, 9.13.2021, 10.1:2021, 12.17:2021, 1.9:2022, 2.1:2022, 2.17:2022, 2.28:2022, 3.11:2022, 4.5:2022, 4.7:2022, 4.26:2022,



- 13. Opsumit® (package insert). South San Francisco, CA: Actelion Pharmaceuticals US, Inc.; Oct 2018.
- 14. Orenitram® (package insert). Research Triangle Park, NC: United Therapeutics Corp.; Jan 2017.
- 15. Ventavis (package insert). South San Francisco, CA: Actelion Pharmaceuticals US, Inc.; Oct 2017.
- 16. Remodulin® (package insert). Research Triangle Park, NC: United Therapeutics Corp., Jul 2018.
- 17. Treprostinil (package insert). Princeton, NJ: Sandoz Inc.; April 2019.
- 18. Taichman DB, Ornelas J, Chung L, et al. Pharmacologic therapy for pulmonary arterial hypertension in adults: CHEST guideline and expert panel report. Chest 2014:146(2):449-475.
- 19. Simonneau G, Gatzoulis MA, Adatia I, et al. Updated clinical classification of pulmonary hypertension. J Am Coll Cardiol 2013; 62:D34. UptoDate(Internet database) Waltham, MA.(Accessed 8/31/2015)
- 20. Uptravi® (package insert). South San Francisco, CA: Actelion Pharmaceuticals US, Inc.; Dec 2017.
- 21. Tyvaso (package insert). Research Triangle Park, NC: United Therapeutics Corp., Oct 2017.
- 22. Tracleer (package insert). South San Francisco, CA: Actelion Pharmaceuticals US, Inc.; Oct 2018.
- 23. Adcirca (package insert). Indianapolis, IN: Eli Lilly and Company; Aug 2017.
- 24. Letairis (package insert). Foster City, CA: Gilead Sciences, Inc.; Oct 2015.
- 25. Revatio (package insert). New York, NY: Division of Pfizer Inc.; Jan 2019.
- 26. Flolan (package insert). Research Triangle Park, NC: GlaxoSmithKline; Dec 2018.
- 27. Veletri (package insert). South San Francisco, CA: Actelion Pharmaceuticals US, Inc; Dec 2018.
- 28. Nicholas S. Hill, MJ. Cawley, and Cherilyn L. HP; New Therapeutic Paradigms and Guidelines in the Management of Pulmonary Arterial Hypertension; Journal of Managed Care & Specialty Pharmacy 2016 22:3-a Suppl, s3-s2. Accessed 9/28/16.
- 29. Galie N, Humbert M, Vachiery JL, et al. 2015 ESC/ERS Guidelines for the diagnosis and treatment of pulmonary hypertension. The Joint Task Force for the Diagnosis and Treatment of Pulmonary Hypertension of the European Society of Cardiology (ESC) and the European Respiratory Society (ERS). Endorsed by: Association for European Paediatric and Congenital Cardiology (AEPC), International Society for Heart and Lung Transplantation (ISHLT). Eur Heart J. 2016:37(1):67-119. Available at: <a href="https://academic.oup.com/eurheartj/article/37/1/67/2887599/2015-ESC-ERS-Guidelines-for-the-diagnosis-and">https://academic.oup.com/eurheartj/article/37/1/67/2887599/2015-ESC-ERS-Guidelines-for-the-diagnosis-and</a>. Accessed Sept 2016.
- 30. Klinger JR, Elliott CG, Levine DJ, et al. Therapy for Pulmonary Arterial Hypertension in Adults. *Chest.* 2019;155(3):565-586. doi:10.1016/j.chest.2018.11.030. <a href="https://journal.chestnet.org/article/S0012-3692(19)30002-9/fulltext">https://journal.chestnet.org/article/S0012-3692(19)30002-9/fulltext</a>
- 31. Hopkins, W, Rubin, LJ, Treatment of pulmonary hypertension in adults, (2019). UpToDate. In G. Finlay, (Ed.), retrieved from <a href="https://www.uptodate.com/contents/treatment-of-pulmonary-hypertension-in-adults">https://www.uptodate.com/contents/treatment-of-pulmonary-hypertension-in-adults</a>. Accessed August 15, 2019.

#### lxxvi Pyimethamine (Daraprim) References

- 1. Daraprim (pyrimethamine) [prescribing information]. New York, NY: Vyera Pharmaceuticals; Revised August 2017. <a href="https://www.daraprimdirect.com/Content/downloads/DAR2017062-Portrait-201708-PI.PDF">https://www.daraprimdirect.com/Content/downloads/DAR2017062-Portrait-201708-PI.PDF</a>. Accessed May 12, 2021.
- 2. Gandhi RT. Toxoplasmosis in HIV-infected patients. Waltham, MA: UptoDate; Last modified. March 24, 2021 http://www.uptodate.com/contents/toxoplasmosis-in-hiv-infected-patients. Accessed May 13, 2021.
- 3. Panel on Opportunistic Infections in HIV-Infected Adults and Adolescents. Guidelines for the prevention and treatment of opportunistic infections in HIV-infected adults and adolescents: recommendations from the Centers for Disease Control and Prevention, the National Institutes of Health, and

Last Update: 12.1.2020, 12.4.2020, 3.1.2021, 5.11.2021, 6.28.2021, 8.1.2021, 9.13.2021, 10.1.2021, 12.17.2021, 1.9.2022, 2.1.2022, 2.17.2022, 2.28.2022, 3.11.2022, 4.5.2022, 4.7.2022, 4.26.2022,



the HIV Medicine Association of the Infectious Diseases Society of America. Available at <a href="https://clinicalinfo.hiv.gov/sites/default/files/guidelines/documents/Adult\_Ol.pdf">https://clinicalinfo.hiv.gov/sites/default/files/guidelines/documents/Adult\_Ol.pdf</a>. Accessed May 13, 2021.

- 4. Centers for Disease Control and Prevention, National Institutes of Health, HIV Medicine Association of the Infectious Diseases Society of America, et al: Guidelines for Prevention and Treatment of Opportunistic Infections in HIV-Infected Adults and Adolescents: Recommendations from the CDC, the National Institutes of Health, and the HIV Medicine Association of the Infectious Diseases Society of America. MMWR Recomm Rep 2009; 58 (RR4):1-207. https://www.cdc.gov/parasites/toxoplasmosis/health\_professionals/index.html. Accessed May 13, 2021.
- 5. Leport C, Chene G, Morlat P, et al. Pyrimethamine for primary prophylaxis of toxoplasmic encephalitis in patients with human immunodeficiency virus infection: a double-blind, randomized trial. ANRS 005-ACTG 154 Group Members. Agence Nationale de Recherche sur le SIDA. AIDS Clinical Trial Group. J Infect Dis. Jan 1996;173(1):91-97. Available at <a href="http://www.ncbi.nlm.nih.gov/pubmed/8537688">http://www.ncbi.nlm.nih.gov/pubmed/8537688</a>. Accessed April 3, 2020.
- 6. Dworkin MS, Hanson DL, Kaplan JE, Jones JL, Ward JW. Risk for preventable opportunistic infections in persons with AIDS after antiretroviral therapy increases CD4+ T lymphocyte counts above prophylaxis thresholds. J Infect Dis. Aug 2000;182(2):611-615. <a href="http://www.ncbi.nlm.nih.gov/pubmed/10915098">http://www.ncbi.nlm.nih.gov/pubmed/10915098</a>. Accessed April 3, 2020.
- 7. Furrer H, Opravil M, Bernasconi E, Telenti A, Egger M. Stopping primary prophylaxis in HIV-1-infected patients at high risk of toxoplasma encephalitis. Swiss HIV Cohort Study. Lancet. Jun 24 2000;355(9222):2217-2218. <a href="http://www.ncbi.nlm.nih.gov/pubmed/10881897">http://www.ncbi.nlm.nih.gov/pubmed/10881897</a>. Accessed February 26, 2019.
- 8. Mussini C, Pezzotti P, Govoni A, et al. Discontinuation of primary prophylaxis for Pneumocystis carinii pneumonia and toxoplasmic encephalitis in human immunodeficiency virus type I-infected patients: the changes in opportunistic prophylaxis study. J Infect Dis. May 2000;181(5):1635-1642. <a href="http://www.ncbi.nlm.nih.gov/pubmed/10823763">http://www.ncbi.nlm.nih.gov/pubmed/10823763</a>. Accessed April 3, 2020.
- 9. Miro JM, Lopez JC, Podzamczer D, et al. Discontinuation of primary and secondary Toxoplasma gondii prophylaxis is safe in HIV-infected patients after immunological restoration with highly active antiretroviral therapy: results of an open, randomized, multicenter clinical trial. Clin Infect Dis. Jul 1 2006;43(1):79-89. http://www.ncbi.nlm.nih.gov/pubmed/16758422. Accessed April 3, 2020.
- 10. Schwartzman JD, Petersen E. Diagnostic testing for toxoplasmosis infection, 2019. In Mitty J (Ed), <a href="https://www.uptodate.com/contents/diagnostic-testing-for-toxoplasmosis-infection">https://www.uptodate.com/contents/diagnostic-testing-for-toxoplasmosis-infection</a>. Accessed May 13, 2021.

### lxxvii Ranexa References

- 1. Ranexa [prescribing information]. Foster City, CA: Gilead Sciences, Inc. Revised October 2019. https://www.gilead.com/-/media/files/pdfs/medicines/cardiovascular/ranexa/ranexa pi.pdf. Accessed June 5, 2020.
- Fraker TD Jr, Fihn SD, 2002 Chronic Stable Angina Writing Committee, et al. 2007 chronic angina focused update of the ACC/AHA 2002 guidelines for the management of patients with chronic stable angina: a report of the American College of Cardiology/American Heart Association Task Force on Practice Guidelines Writing Group to develop the focused update of the 2002 guidelines for the management of patients with chronic stable angina. J Am Coll Cardiol 2007; 50:2264.
- 3. Gold Standard, Inc. Ranexa. Clinical Pharmacology [database online]. Available at: http://www.clinicalpharmacology.com. Accessed: June 1, 2020.

#### lxxviii Revlimid References

Revlimid® [package insert]. Summit, NJ: Celgene Corporation; Revised October 2019. <a href="https://media.celgene.com/content/uploads/revlimid-pi.pdf">https://media.celgene.com/content/uploads/revlimid-pi.pdf</a>.
 Accessed May 14, 2021.

Last Update: 12.1.2020, 12.4.2020, 3.1.2021, 5.11.2021, 6.28.2021, 8.1.2021, 9.13.2021, 10.1.2021, 12.17.2021, 1.9.2022, 2.1.2022, 2.17.2022, 2.28.2022, 3.11.2022, 4.5.2022, 4.7.2022, 4.26.2022,



- National Comprehensive Cancer Network (NCCN). NCCN Clinical Practice Guidelines in Oncology. Multiple Myeloma. Version 7.2021. 2021 April 26;
   National Comprehensive Cancer Network. Available from: <a href="http://www.nccn.org/professionals/physician\_gls/pdf/myeloma.pdf">http://www.nccn.org/professionals/physician\_gls/pdf/myeloma.pdf</a>. Accessed May 14, 2021.
- 3. National Comprehensive Cancer Network (NCCN). NCCN Clinical Practice Guidelines in Oncology. B-Cell Lymphomas. Version 4.2021. 2021 May 5; National Comprehensive Cancer Network. Available from: <a href="https://www.nccn.org/professionals/physician\_gls/pdf/b-cell.pdf">https://www.nccn.org/professionals/physician\_gls/pdf/b-cell.pdf</a>. Accessed May 14, 2021.
- 4. National Comprehensive Cancer Network (NCCN). NCCN Clinical Practice Guidelines in Oncology. Myelodysplastic Syndromes. Version 3.2021. 2021 Jan 15; National Comprehensive Cancer Network. Available from: <a href="http://www.nccn.org/professionals/physician\_gls/pdf/mds.pdf">http://www.nccn.org/professionals/physician\_gls/pdf/mds.pdf</a>. Accessed May 14, 2021.
- 5. National Comprehensive Cancer Network (NCCN). NCCN Clinical Practice Guidelines in Oncology. Systemic Light Chain Amyloidosis. Version 2.2021. 2021 Feb 8; National Comprehensive Cancer Network. Available from: <a href="http://www.nccn.org/professionals/physician\_gls/pdf/amyloidosis.pdf">http://www.nccn.org/professionals/physician\_gls/pdf/amyloidosis.pdf</a>. Accessed May 14, 2021.
- 6. National Comprehensive Cancer Network (NCCN). NCCN Clinical Practice Guidelines in Oncology. Myeloproliferative Neoplasms. Version 1.2021. 2021 April 13; National Comprehensive Cancer Network. Available from: <a href="https://www.nccn.org/professionals/physician\_gls/pdf/mpn.pdf">https://www.nccn.org/professionals/physician\_gls/pdf/mpn.pdf</a>. Accessed May 14, 2021.
- 7. National Comprehensive Cancer Network (NCCN). NCCN Clinical Practice Guidelines in Oncology. T-Cell Lymphomas. Version 1.2021. 2020 Oct 5; National Comprehensive Cancer Network. Available from: <a href="https://www.nccn.org/professionals/physician\_gls/pdf/t-cell.pdf">https://www.nccn.org/professionals/physician\_gls/pdf/t-cell.pdf</a>. Accessed May 14, 2021.
- 8. National Comprehensive Cancer Network (NCCN). NCCN Clinical Practice Guidelines in Oncology. Primary Cutaneous Lymphomas. Version 2.2021. 2021 March 4; National Comprehensive Cancer Network. Available from: <a href="https://www.nccn.org/professionals/physician\_gls/pdf/primary\_cutaneous.pdf">https://www.nccn.org/professionals/physician\_gls/pdf/primary\_cutaneous.pdf</a>. Accessed May 14, 2021.
- 9. National Comprehensive Cancer Network (NCCN). NCCN Clinical Practice Guidelines in Oncology. Chronic Lymphocytic Leukemia/Small Lymphocytic Lymphoma. Version 4.2021. 2021 April 29; National Comprehensive Cancer Network. Available from: https://www.nccn.org/professionals/physician\_gls/pdf/cll.pdf . Accessed May 14, 2021.
- National Comprehensive Cancer Network (NCCN). NCCN Clinical Practice Guidelines in Oncology. Hodgkin Lymphoma. Version 1.2020. 2021 April 20; National Comprehensive Cancer Network. Available from: <a href="https://www.nccn.org/professionals/physician\_gls/pdf/hodgkins.pdf">https://www.nccn.org/professionals/physician\_gls/pdf/hodgkins.pdf</a>. Accessed May 14, 2021.

#### lxxix Reyvow References

- 16. Reyvow™ [package insert]. Indianapolis, IN: Lilly USA, LLC; Revised January 2020. <a href="http://uspl.lilly.com/reyvow/reyvow.html#pi">http://uspl.lilly.com/reyvow/reyvow.html#pi</a>. Accessed April 13, 2020.
- 17. The American Headache Society Position Statement on Integrating New Migraine Treatments Into Clinical Practice. Headache: The Journal of Head and Face Pain, 59: 1-18. (2019). <a href="https://headachejournal.onlinelibrary.wiley.com/doi/full/10.1111/head.13456">https://headachejournal.onlinelibrary.wiley.com/doi/full/10.1111/head.13456</a>. Accessed April 13, 2020.
- 18. Smith, J.H. (2020). Acute treatment of migraine in adults. In J.W. Swanson (Ed.), UpToDate. Retrieved April 13, 2020 from: https://www.uptodate.com/contents/acute-treatment-of-migraine-in-adults.

Exit Rybalsus.References 020, 3.1.2021, 5.11.2021, 6.28.2021, 8.1.2021, 9.13.2021, 10.1.2021, 12.17.2021, 1.9.2022, 2.1.2022, 2.17.2022, 2.28.2022, 3.11.2022, 4.5.2022, 4.7.2022, 4.26.2022,



- 1. Rybelsus [package insert]. Plainsboro, NJ: Novo Nordisk Inc.; https://www.novo-pi.com/rybelsus.pdf April 2021.
- 2. Lexicomp Online, AHFS DI (Adult and Pediatric) Online, Hudson, Ohio: UpToDate, Inc.; 2021; Accessed July 1, 2021.
- 3. Micromedex (electronic version). IBM Watson Health, Greenwood Village, Colorado, USA. Available at: http://www.micromedexsolutions.com Accessed July 1, 2021.
- 4. American Diabetes Association (ADA) Standards of Medical Care in Diabetes—2021. Dia Care. 2021; 44(Supplement 1); S1-S232.
- 5. Garber AJ, et al. Consensus Statement by the American Association of Clinical Endocrinologists and American College of Endocrinology on the Comprehensive Type 2 Diabetes Management Algorithm 2020 Executive Summary, Endocr Pract. January 2020; 26 (No 1); 107-139.

#### lxxxi Second Generation TKI References

- 1. Tasigna® [package insert]. East Hanover, NJ: Novartis Pharmaceuticals Corporation; Revised December 2020. <a href="https://www.novartis.us/sites/www.novartis.us/files/tasigna.pdf">https://www.novartis.us/sites/www.novartis.us/files/tasigna.pdf</a>. Accessed May 19, 2021.
- Sprycel® [package insert]. Princeton, NJ: Bristol Myer Squibb; Revised March 2021. <a href="https://packageinserts.bms.com/pi/pi\_sprycel.pdf">https://packageinserts.bms.com/pi/pi\_sprycel.pdf</a>. Accessed May 19, 2021.
- 3. Bosulif® [package insert]. New York, NY: Pfizer Labs; Revised June 2020. <a href="http://labeling.pfizer.com/ShowLabeling.aspx?id=884">http://labeling.pfizer.com/ShowLabeling.aspx?id=884</a>. Accessed May 19, 2021.
- 4. Iclusig® [package insert]. Cambridge, MA: Ariad Pharmaceuticals; Revised December 2020. <a href="https://www.iclusig.com/pdf/ICLUSIG-Prescribing-Information.pdf">https://www.iclusig.com/pdf/ICLUSIG-Prescribing-Information.pdf</a>. Accessed May 19, 2021.
- 5. Gleevec® [package insert]. East Hanover, NJ: Novartis Pharmaceuticals Corporation; Revised July 2018. <a href="https://www.novartis.us/sites/www.novartis.us/files/gleevec\_tabs.pdf">https://www.novartis.us/sites/www.novartis.us/files/gleevec\_tabs.pdf</a>. Accessed May 19, 2021.
- 6. National Comprehensive Cancer Network (NCCN). NCCN Clinical Practice Guidelines in Oncology: Chronic Myeloid Leukemia. Version 3.2021. 2021 Jan 13; National Comprehensive Care Network. Available from <a href="http://www.nccn.org/professionals/physician\_gls/pdf/cml.pdf">http://www.nccn.org/professionals/physician\_gls/pdf/cml.pdf</a>. Accessed May 20, 2021.
- 7. National Comprehensive Cancer Network (NCCN). Clinical Practice Guidelines in Oncology: Acute Lymphoblastic Leukemia. Version 1.2021. 2021. April 6; National Comprehensive Care Network. Available from <a href="http://www.nccn.org/professionals/physician\_gls/pdf/all.pdf">http://www.nccn.org/professionals/physician\_gls/pdf/all.pdf</a>. Accessed May 20, 2021.
- 8. Cortes JE, et al, Bosutinib Versus Imatinib in Newly Diagnosed Chronic-Phase Chronic Myeloid Leukemia: Results From the BELA Trial. *J Clin Oncol*, 2012;30(28):3486-3492.
- 9. Cortes JE, et al, Safety and efficacy of bosutinib (SKI-606) in chronic phase Philadelphia chromosome-positive chronic myeloid leukemia patients with resistance or intolerance to imatinib. *Blood.* 2011;118(17): 4567-4576.
- 10. Khoury HJ, et al, Bosutinib is active in chronic phase chronic myeloid leukemia after imatinib and dasatinib and/or nilotinib therapy failure. *Blood*, 2012;119(15)3403-3412.
- 11. Shieh MP, Mitsuhashi M, LillyM. Moving on up: Second-Line Agents as Initial Treatment for Newly-Diagnosed Patients with Chronic Phase CML. Clin Med Insights Oncol, 2011;5:185-199.
- 12. Antineoplastics Pharmacy Clinical Policy Bulletins Aetna Non-Medicare Prescription Drug Plan. Aetna Clinical Pharmacy Bulletins
- 13. Schiffer, C.A., & Atallah, E. (2021). Initial treatment of chronic myeloid leukemia in chronic phase. In R.A. Larson (Ed.), *UpToDate*. Retrieved May 20, 2021, from <a href="https://www.uptodate.com/contents/initial-treatment-of-chronic-myeloid-leukemia-in-chronic-phase">https://www.uptodate.com/contents/initial-treatment-of-chronic-myeloid-leukemia-in-chronic-phase</a>.

Last Update: 12.1.2020, 12.4.2020, 3.1.2021, 5.11.2021, 6.28.2021, 8.1.2021, 9.13.2021, 10.1.2021, 12.17.2021, 1.9.2022, 2.1.2022, 2.17.2022, 2.28.2022, 3.11.2022, 4.5.2022, 4.7.2022, 4.26.2022,



- 14. Larson, R.A. (2021). Induction therapy for Philadelphia chromosome positive acute lymphoblastic leukemia in adults. In B. Lowenberg (Ed.), *UpToDate*. Retrieved May 20, 2021, from <a href="https://www.uptodate.com/contents/induction-therapy-for-philadelphia-chromosome-positive-acute-lymphoblastic-leukemia-in-adults">https://www.uptodate.com/contents/induction-therapy-for-philadelphia-chromosome-positive-acute-lymphoblastic-leukemia-in-adults</a>.
- 15. Schiffer, C.A., & Atallah, E. (2021). Overview of the treatment of chronic myeloid leukemia. In R.A. Larson (Ed.), *UpToDate*. Retrieved May 20, 2021. https://www.uptodate.com/contents/overview-of-the-treatment-of-chronic-myeloid-leukemia.

#### lxxxii Somatostatin Analogs

- Sandostatin Long Acting Release (LAR) Depot (octreotide acetate) [package insert]. Novartis Pharmaceuticals Corporation; April 2019. https://www.novartis.us/sites/www.novartis.us/files/sandostatin\_lar.pdf. Accessed April 27, 2020.
- 2. Sandostatin (octreotide acetate) [package insert]. West Hartford, CT: Novartis Pharmaceuticals Corporation; April 2019. <a href="https://www.novartis.us/sites/www.novartis.us/sites/www.novartis.us/files/sandostatin\_inj.pdf">https://www.novartis.us/sites/www.novartis.us/sites/www.novartis.us/files/sandostatin\_inj.pdf</a>. Accessed April 27, 2020.
- 3. Signifor LAR (pasireotide) [package insert]. East Hanover, NJ: Novartis Pharmaceuticals Corporation; April 2019.
- Somatuline Depot (lanreotide) [package insert]. Signes, France: Ipsen Pharma Biotech; June 2019.
   https://www.ipsen.com/websites/Ipsen Online/wp-content/uploads/2019/08/30162316/Somatuline Depot Full Prescribing Information 7.22.19.pdf. Accessed April 27, 2020.
- 5. Signifor [package insert]. Lebanon, NJ: Recordati Rare Diseases Inc; March 2020. <a href="https://www.recordatirarediseases.com/sites/www.recordatirarediseases.com/files/inline-files/SIGNIFOR Prescribing Information.pdf">https://www.recordatirarediseases.com/sites/www.recordatirarediseases.com/files/inline-files/SIGNIFOR Prescribing Information.pdf</a>. Accessed April 27, 2020.
- 6. Somavert [package insert]. New York, NY: Pfizer Inc; September 2019. <a href="http://labeling.pfizer.com/ShowLabeling.aspx?id=3213">http://labeling.pfizer.com/ShowLabeling.aspx?id=3213</a>. Accessed May 27, 2020
- 7. Clinical Pharmacology [database online]. Tampa, FL: Gold Standard, Inc.; Retrieved from <a href="https://www.clinicalkey.com/pharmacology">https://www.clinicalkey.com/pharmacology</a>. Accessed April 27, 2020.
- 8. Melmed, S Bronstein MD, Chanson P, et al. A Consensus Statement on acromegaly therapeutic outcomes. Nature Reviews/Endocrinology. 2018; 14:552-561.
- 9. Strosburg JR, Halfdanarson RT, and Blizzi AM, et al. The North American Neuroendocrine Tumor Society Consensus Guidelines for Surveillance and Medical Management of Midgut Neuroendocrine Tumors. Pancreas. 2017; 46: 707-714.
- 10. Melmed S. Treatment of acromegaly. Waltham, MA: UptoDate. <a href="http://www.uptodate.com/contents/treatment-of-acromegaly?source=search">http://www.uptodate.com/contents/treatment-of-acromegaly?source=search</a> result&search=acromegaly&selectedTitle=2%7E84. Accessed August 17, 2017.
- 11. NCCN: National Comprehensive Cancer Network. NCCN Clinical Practice Guideline in Oncology: Neuroendocrine Tumors. <a href="http://www.nccn.org/professionals/physician\_gls/pdf/neuroendocrine.pdf">http://www.nccn.org/professionals/physician\_gls/pdf/neuroendocrine.pdf</a> Version 1.2015. Accessed August 17, 2017.
- 12. Katznelson L, Laws ER, Melmed S, et al. Acromegaly: An Endocrine Society Clinical Practice Guideline. *J Clin Endocrinol Metab*, 2014;99(11):3933–3951.
- 13. Skagen C, Einstein M, Lucey MR, et al. Combination treatment with octreotide, midodrine, and albumin improves survival in patients with Type I and Type 2 hepatorenal syndrome. J Clin Gastroenterol 2009;43:680-685.
- 14. Nieman, L.K. (2017). Overview of the treatment of Cushing's syndrome. In KA Martin (Ed). UpToDate. Retrieved from <a href="https://www.uptodate.com/contents/overview-of-the-treatment-of-cushings-">https://www.uptodate.com/contents/overview-of-the-treatment-of-cushings-</a>

Last Update: 12.1.2020, 12.4.2020, 3.1.2021, 5.11.2021, 6.28.2021, 8.1.2021, 9.13.2021, 10.1.2021, 12.17.2021, 1.9.2022, 2.1.2022, 2.17.2022, 2.28.2022, 3.11.2022, 4.5.2022, 4.7.2022, 4.26.2022,



- syndrome?search=cushings%20syndrome&source=search\_result&selectedTitle=3~150&u sage\_type=default&display\_rank=3#H609003423. Accessed June 11, 2019.
- 15. Melmed, S., Katznelson L., (2019). Treatment of acromegaly. In KA Martin, (Ed). UpToDate. Retrieved from <a href="https://www.uptodate.com/contents/treatment-of-acromegaly%search=acromegaly%source=search\_result&selectedTitle=3~90&usage\_type=default&display\_rank=3#H33.">https://www.uptodate.com/contents/treatment-of-acromegaly%source=search\_result&selectedTitle=3~90&usage\_type=default&display\_rank=3#H33.</a> Accessed April 24, 2020.
- 16. Bergsland, E., VIPoma: Clinical manifestations, diagnosis, and management (2019) In S. Grover (Ed.), UpToDate. Retrieved from <a href="https://www.uptodate.com/contents/vipoma-clinical-manifestations-diagnosis-and-management?sectionName=Somatostatin%20analogs&search=somatostatin%20analogues&topicRef=2579&anchor=H7&source=see link#H1664 653297. Accessed June 12. 2019.
- 17. Liddle, R.A., Physiology of somatostatin and its analogues. (2019). In S. Grover (Ed.), UpToDate. Retrieved from <a href="https://www.uptodate.com/contents/physiology-of-somatostatin-and-its-analogues?search=somatostatin%20analogues&source=search\_result&selectedTitle=1~150&usage\_type=default&display\_rank=1#H667400. Accessed June 12, 2019.

#### lxxxiii Spinraza References

- Spinraza® [package insert]. Biogen Inc. Cambridge, MA; Revised June 2020. <a href="https://www.spinraza.com/content/dam/commercial/specialty/spinraza/caregiver/en\_us/pdf/spinraza-prescribing-information.pdf">https://www.spinraza.com/content/dam/commercial/specialty/spinraza/caregiver/en\_us/pdf/spinraza-prescribing-information.pdf</a>. Accessed May 24, 2021
- 2. Bodamer, O.A., (2021). Spinal Muscular Atrophy. In J.F. Dashe (Ed). UpToDate. Retrieved May 24, 2021, from <a href="https://www.uptodate.com/contents/spinal-muscular-atrophy">https://www.uptodate.com/contents/spinal-muscular-atrophy</a>.
- 3. Ramsey, D, Scoto, M, et al. Revised Hammersmith Scale for Spinal Muscular Atrophy: A SMA Specific Clinical Outcome Assessment Tool. PLOS One. 2017; 12(2): e0172346. doi: 10.1371/journal.pone.0172346. Accessed February 4, 2019 from https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5319655/
- 4. PNCR Network for SMA. Expanded Hammersmith Functional Motor Scale for SMA (HFMSE). 2009, <a href="http://columbiasma.org/docs/cme-2010/Hammersmith%20Functional%20Motor%20Scale%20Expanded%20for%20SMA%20Type%20II%20and%20III%20-%20Manual%20of%20Procedures.pdf">http://columbiasma.org/docs/cme-2010/Hammersmith%20Functional%20Motor%20Scale%20Expanded%20for%20SMA%20Type%20II%20and%20III%20-%20Manual%20of%20Procedures.pdf</a>. Accessed February 4, 2019.
- 5. Finkel RS, Mercuri E, et al. Nusinersen versus Sham Control in Infantile-Onset Spinal Muscular Atrophy for the ENDEAR Study Group. N Engl J Med, 2017; 377:1723-1732. DOI: 10.1056/NEJMoa1702752. Accessed February 4, 2019 from <a href="https://www.nejm.org/doi/full/10.1056/NEJMoa1702752">https://www.nejm.org/doi/full/10.1056/NEJMoa1702752</a>.
- 6. ClinicalTrials.gov [Internet]. Bethesda (MD): National Library of Medicine (US). 2018 Feb 21 . Identifier NCT02292537, A Study to Assess the Efficacy and Safety of Nusinersen (ISIS 396443) in Participants With Later-onset Spinal Muscular Atrophy (SMA) (CHERISH), Available from: <a href="https://clinicaltrials.gov/ct2/show/results/NCT02292537">https://clinicaltrials.gov/ct2/show/results/NCT02292537</a>. Accessed February 4, 2019.
- 7. Young D, Montes J, et al. Six-minute walk test is reliable and valid in spinal muscular atrophy. Muscle Nerve. 2016; 54(5):836-842. doi: 10.1002/mus.25120. https://www.ncbi.nlm.nih.gov/pubmed/27015431. Accessed February 5, 2019.
- 8. National Organization of Rare Disorders. Spinal Muscular Atrophy. 2012. <a href="https://rarediseases.org/rare-diseases/spinal-muscular-atrophy/">https://rarediseases.org/rare-diseases/spinal-muscular-atrophy/</a>. Accessed February 5, 2019.
- 9. Together in SMA with Biogen. 2018. Accessed February 5, 2019. Available from <a href="https://www.togetherinsma-hcp.com/en\_us/home/sma

Last Update: 12.1.2020, 12.4.2020, 3.1.2021, 6.28.2021, 8.1.2021, 9.13.2021, 10.1.2021, 12.17.2021, 1.9.2022, 2.17.2022, 2.17.2022, 2.28.2022, 3.11.2022, 4.5.2022, 4.7.2022, 4.26.2022,



### lxxxiv Spiriva Respimat

- 1. Spiriva Handihaler® [package insert]. Boehringer Ingelheim Pharmaceuticals, Inc., Ridgefield, CT; Revised February 2018. <a href="https://docs.boehringer-ingelheim.com/Prescribing%20Information/Pls/Spiriva/Spiriva.pdf">https://docs.boehringer-ingelheim.com/Prescribing%20Information/Pls/Spiriva/Spiriva.pdf</a>. Accessed August 22, 2019.
- 2. Spiriva Respimat® [package insert]. Boehringer Ingelheim Pharmaceuticals, Inc., Ridgefield, CT; Revised May 2019. <a href="https://docs.boehringer-ingelheim.com/Prescribing%20Information/PIs/Spiriva%20Respimat/spirivarespimat.pdf">https://docs.boehringer-ingelheim.com/Prescribing%20Information/PIs/Spiriva%20Respimat/spirivarespimat.pdf</a>. Accessed July 16, 2020.
- Yupelri™[package insert]. Mylan Specialty LP, Morgantown, WV; Revised November 2018.
   <a href="https://www.accessdata.fda.gov/drugsatfda\_docs/label/2018/210598s000lbl.pdf">https://www.accessdata.fda.gov/drugsatfda\_docs/label/2018/210598s000lbl.pdf</a>. Accessed August 22, 2019.
- 4. Global Strategy for Asthma Management and Prevention. Global Initiative for Asthma (GINA) 2019. <a href="https://ginasthma.org/wp-content/uploads/2019/06/GINA-2019-main-report-June-2019-wms.pdf">https://ginasthma.org/wp-content/uploads/2019/06/GINA-2019-main-report-June-2019-wms.pdf</a>. Accessed August 23, 2019.
- 5. Szefler SJ, Murphy K, Harper T 3rd, et al. A phase III randomized controlled trial of tiotropium add-on therapy in children with severe symptomatic asthma. Journal of Allergy and Clinical Immunology. 2017;140(5):1277-1287.[PubMed 28189771]10.1016/j.jaci.2017.01.014

### lxxxv Sucraid References

- 1. Clinical Pharmacology [database online]. Tampa, FL: Gold Standard, Inc.; Retrieved from www.clinicalpharmacology.com. Accessed May 20, 2020.
- Sucraid® (sacrosidase) oral solution [package insert]. QOL Medical, LLC, Vero Beach, FL; April 2020.
   <a href="https://dailymed.nlm.nih.gov/dailymed/drugInfo.cfm?setid=d613bb7f-c3f4-462e-81a2-da2347cc4b6b">https://dailymed.nlm.nih.gov/dailymed/drugInfo.cfm?setid=d613bb7f-c3f4-462e-81a2-da2347cc4b6b</a>. Accessed May 20, 2020.
- NCATS: Genetic and Rare Diseases Information Center. Congenital Sucrase-Isomaltase Deficiency. <a href="https://rarediseases.info.nih.gov/diseases/7710/congenital-sucrase-isomaltase-deficiency">https://rarediseases.info.nih.gov/diseases/7710/congenital-sucrase-isomaltase-deficiency</a>. Accessed May 20, 2020.
- 4. Treem, William R. Clinical Aspects and Treatment of Congenital Sucrase-Isomaltase Deficiency, Journal of Pediatric Gastroenterology and Nutrition: November 2012 Volume 55 Issue p S7-S13 doi: 10.1097/01.mpg.0000421401.57633.90
- 5. International Foundation for Gastrointestinal Disorders. Congenital Sucrase-Isomaltase Deficiency (CSID) (accessed May 20, 2020); available from <a href="https://www.iffgd.org/other-disorders/congenital-sucrase-isomaltase-deficiency-csid.html?start=1">https://www.iffgd.org/other-disorders/congenital-sucrase-isomaltase-deficiency-csid.html?start=1</a>.

### **Ixxxvi** Sutent References

- 1. Sutent® [package insert]. New York, NY: Pfizer Labs; Revised August 2020. <a href="http://labeling.pfizer.com/ShowLabeling.aspx?id=607">http://labeling.pfizer.com/ShowLabeling.aspx?id=607</a>. Accessed May 25, 2021.
- 2. National Comprehensive Cancer Network (NCCN). NCCN Clinical Practice Guidelines in Oncology: Gastrointestinal Stromal Tumors (GISTs). Version 1.2021. 2020 October 30; National Comprehensive Cancer Network. Available from: <a href="https://www.nccn.org/professionals/physician\_gls/pdf/gist.pdf">https://www.nccn.org/professionals/physician\_gls/pdf/gist.pdf</a>. Accessed May 25, 2021.
- 3. National Comprehensive Cancer Network (NCCN). NCCN Clinical Practice Guidelines in Oncology: Kidney Cancer. Version 4.2021. 2021 April 1; National Comprehensive Cancer Network. Available from: <a href="http://www.nccn.org/professionals/physician\_gls/pdf/kidney.pdf">http://www.nccn.org/professionals/physician\_gls/pdf/kidney.pdf</a>. Accessed May 25, 2021.
- 4. National Comprehensive Cancer Network (NCCN). NCCN Clinical Practice Guidelines in Oncology: Neuroendocrine and Adrenal Tumors. Version 1.2021. 2021 April 14; National Comprehensive Cancer Network. Available from <a href="https://www.nccn.org/professionals/physician\_gls/pdf/neuroendocrine.pdf">https://www.nccn.org/professionals/physician\_gls/pdf/neuroendocrine.pdf</a>. Accessed May 25, 2021.

Last Update: 12.1.2020, 12.4.2020, 3.1.2021, 5.11.2021, 6.28.2021, 8.1.2021, 9.13.2021, 10.1.2021, 12.17.2021, 1.9.2022, 2.1.2022, 2.17.2022, 2.28.2022, 3.11.2022, 4.5.2022, 4.7.2022, 4.26.2022,



- 5. National Comprehensive Cancer Network (NCCN). NCCN Clinical Practice Guidelines in Oncology: Soft Tissue Sarcoma. Version 2.2021. 2021 April 28; National Comprehensive Cancer Network. Available from: <a href="https://www.nccn.org/professionals/physician\_gls/pdf/sarcoma.pdf">https://www.nccn.org/professionals/physician\_gls/pdf/sarcoma.pdf</a>. Accessed May 25, 2021.
- 6. National Comprehensive Cancer Network (NCCN). NCCN Clinical Practice Guidelines in Oncology: Thyroid Carcinoma. Version 1.2021. 2021 April 9; National Comprehensive Cancer Network. Available from: <a href="https://www.nccn.org/professionals/physician\_gls/pdf/thyroid.pdf">https://www.nccn.org/professionals/physician\_gls/pdf/thyroid.pdf</a>. Accessed May 25, 2021.
- 7. National Comprehensive Cancer Network (NCCN). NCCN Clinical Practice Guidelines in Oncology: Thymomas and Thymic Carcinomas. Version 1.2021. 2020 Dec 4; National Comprehensive Cancer Network. Available from: <a href="https://www.nccn.org/professionals/physician\_gls/pdf/thymic.pdf">https://www.nccn.org/professionals/physician\_gls/pdf/thymic.pdf</a>. Accessed May 25, 2021.
- 8. National Comprehensive Cancer Network (NCCN). NCCN Clinical Practice Guidelines in Oncology: Bone Cancer. Version 1.2021. 2020 Nov 20; National Comprehensive Cancer Network. Available from: <a href="https://www.nccn.org/professionals/physician\_gls/pdf/bone.pdf">https://www.nccn.org/professionals/physician\_gls/pdf/bone.pdf</a>. Accessed May 25, 2021.
- 9. National Comprehensive Cancer Network (NCCN). NCCN Clinical Practice Guidelines in Oncology: Central Nervous System Cancers Version 5.2020. 2021 Apr 15; National Comprehensive Care Network. Available from: <a href="https://www.nccn.org/professionals/physician\_gls/pdf/cns.pdf">https://www.nccn.org/professionals/physician\_gls/pdf/cns.pdf</a>. Accessed May 26, 2021.

### lxxxvii References Symlin

- 1. Symlin (pramlintide) [prescribing information]. Wilmington, DE: AstraZeneca; December 2019.
- 2. American Diabetes Association. Standards of medical care in diabetes 2020. Diabetes Care. 2020;43 (Suppl. 1):S1-S212.
- 3. Dungan K. Amylin analogs for the treatment of diabetes mellitus. In: UpToDate, Post TW (Ed), UpToDate, Waltham, MA. (Accessed on June 20, 2020)
- 4. Drug Facts and Comparisons online (www.drugfacts.com). Wolters Kluwer Health, St. Louis, MO. Accessed June 20, 2020.
- 5. Clinical Pharmacology https://www.clinicalkey.com/pharmacology/]. Accessed June 20, 2020.

### lxxxviii Synagis References

- 1. Aetna.com. 2019. Clinical Policy Bulletin: Synagis (Palivizumab). [online] Available at: <a href="http://www.aetna.com/cpb/medical/data/300/399/0318.html">http://www.aetna.com/cpb/medical/data/300/399/0318.html</a>, last reviewed 06/13/2019 [Accessed: 22 May 2020].
- 2. Perrin, MD, FAAP, J., Meissner, MD, FAAP, H. and Ralston, MD, FAAP, S. 2014. *Updated AAP Guidance for Palivizumab Prophylaxis For Infants and Young Children at Increased Risk of RESPIRATORY SYNCYTIAL VIRUS (RESPIRATORY SYNCYTIAL VIRUS (RSV)) Hospitalization*. [e-book] pp. 1-23. Available through: American Academy of Pediatrics http://www.aap.org/en-us/my-aap/Pages/Respiratory Syncytial Virus (RESPIRATORY SYNCYTIAL VIRUS (RSV)).aspx [Accessed: 22 May 2020].].
- 3. Ralston SL, Lieberthal AS, Meissner H. Clinical Practice Guideline: The Diagnosis, Management, and Prevention of Bronchiolitis. Pediatrics. 2014;134(5):e1474, Accessed online on 6/21/2019 at <a href="https://pediatrics.aappublications.org/content/134/5/e1474.long">https://pediatrics.aappublications.org/content/134/5/e1474.long</a>. [Accessed: 22 May 2020].
- 4. Synagis [package insert]. MedImmune, LLC, Gaithersburg, MD; May 2017. <a href="https://www.azpicentral.com/synagis/synagis.pdf#page=1">https://www.azpicentral.com/synagis/synagis.pdf#page=1</a>. [Accessed: 22 May 2020]..
- 5. The American Academy of Pediatrics. RSV recommendations unchanged after review of new data. <a href="http://www.aappublications.org/news/2017/10/19/RSV101917">http://www.aappublications.org/news/2017/10/19/RSV101917</a>. [Accessed: 22 May 2020].

Last Update: 12.1.2020, 12.4.2020, 3.1.2021, 5.11.2021, 6.28.2021, 8.1.2021, 9.13.2021, 10.1.2021, 12.17.2021, 1.9.2022, 2.1.2022, 2.17.2022, 2.28.2022, 3.11.2022, 4.5.2022, 4.7.2022, 4.26.2022,



6. Farber HJ, Buckwold FJ, Lachman B, et al. Observed Effectiveness of Palivizumab for 29–36-Week Gestation Infants. *Pediatrics*. 2016; e20160627; DOI: 10.1542/peds.2016-0627.

### lxxxix Cialis References

- 1. Cialis (tadalafil) [package insert]. Indianapolis, IN: Eli Lilly and Company; Revised February 2018. <a href="https://pi.lilly.com/us/cialis-pi.pdf">https://pi.lilly.com/us/cialis-pi.pdf</a>. Accessed May 26, 2021.
- 2. McVary KT, Roehrborn CG, et al. Management of Benign Prostatic Hyperplasia. American Urological Association. <a href="https://www.auanet.org/benign-prostatic-hyperplasia-(2010-reviewed-and-validity-confirmed-2014">https://www.auanet.org/benign-prostatic-hyperplasia-(2010-reviewed-and-validity-confirmed-2014</a>). Accessed May 26, 2021.
- 3. Dahm P, Brasure M, et al. Comparative Effectiveness of Newer Medications for Lower Urinary Tract Symptoms Attributed to Benign Prostatic Hyperplasia: A Systematic Review and Meta-analysis. European Urology. <a href="https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5337128/">https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5337128/</a>. Accessed February, 11, 2020
- 4. McVary, KT. Medical Treatment of Benign Prostatic Hyperplasia. Waltham, MA. UpToDate. Last modified January 25, 2021. https://www.uptodate.com/contents/medical-treatment-of-benign-prostatic-hyperplasia. Accessed May 26, 2021.

#### xc Tarceva References

- Tarceva® [package insert]. South San Francisco, CA: Genentech, Inc.; Revised October 2016. https://www.gene.com/download/pdf/tarceva\_prescribing.pdf. Accessed May 26, 2021.
- 2. National Comprehensive Cancer Network (NCCN). NCCN Clinical Practice Guidelines in Oncology: Kidney Cancer. Version 4.2021. 2021 April 1; National Comprehensive Cancer Network. Available from: <a href="http://www.nccn.org/professionals/physician\_gls/pdf/kidney.pdf">http://www.nccn.org/professionals/physician\_gls/pdf/kidney.pdf</a>. Accessed May 26, 2021.
- 3. National Comprehensive Cancer Network (NCCN). NCCN Clinical Practice Guidelines in Oncology: Pancreatic Adenocarcinoma Version 2.2021. 2021 Feb 25; National Comprehensive Care Network. Available from: <a href="https://www.nccn.org/professionals/physician\_gls/pdf/pancreatic.pdf">https://www.nccn.org/professionals/physician\_gls/pdf/pancreatic.pdf</a>. Accessed May 26, 2021.
- 4. National Comprehensive Cancer Network (NCCN). NCCN Clinical Practice Guidelines in Oncology: Non-Small Cell Lung Cancer Version 4.2021. 2021 Mar 3; National Comprehensive Care Network. Available from: <a href="https://www.nccn.org/professionals/physician\_gls/pdf/nscl.pdf">https://www.nccn.org/professionals/physician\_gls/pdf/nscl.pdf</a>. Accessed May 26, 2021.
- National Comprehensive Cancer Network (NCCN). NCCN Clinical Practice Guidelines in Oncology: Central Nervous System Cancers Version 5.2020.
   2021 Apr 15; National Comprehensive Care Network. Available from: <a href="https://www.nccn.org/professionals/physician\_gls/pdf/cns.pdf">https://www.nccn.org/professionals/physician\_gls/pdf/cns.pdf</a>. Accessed May 26, 2021.
- 6. National Comprehensive Cancer Network (NCCN). NCCN Clinical Practice Guidelines in Oncology: Vulvar Cancer (Squamous Cell Carcinoma) Version 3.2021. 2021 Apr 26; National Comprehensive Care Network. Available from: https://www.nccn.org/professionals/physician\_gls/pdf/vulvar.pdf. Accessed May 26, 2021.
- 7. National Comprehensive Cancer Network (NCCN). NCCN Clinical Practice Guidelines in Oncology: Bone Cancer Version 1.2021. 2020 Nov 20; National Comprehensive Care Network. Available from: https://www.nccn.org/professionals/physician\_gls/pdf/bone.pdf. Accessed May 26, 2021.

#### xci Tavalisse References

1. Tavalisse™ [packet insert]. Rigel Pharmaceuticals, Inc., South San Francisco, CA; Revised November 2020.

https://tavalisse.com/downloads/pdf/Tavalisse-Full-Prescribing-Information.pdf. Accessed May 5, 2021. Last Update: 12.1.2020, 12.4.2020, 3.1.2021, 5.11.2021, 6.28.2021, 8.1.2021, 9.13.2021, 10.1.2021, 12.17.2021, 12.9.2022, 2.12022, 2.17.2022, 2.28.2022, 3.11.2022, 4.5.2022, 4.7.2022, 4.26.2022,



- 2. Neunert C, Terrell DR, Arnold DM, Buchanan G, Cines DB, et al. The American Society of Hematology 2019 guidelines for immune thrombocytopenia. Blood. https://doi.org/10.1182/bloodadvances.2019000966. Accessed May 5, 2021.
- 3. Newland A, Lee EJ, McDonald V, Bussel JB. Fostamatinib for persistent/chronic adult immune thrombocytopenia. Immunotherapy 2018; 10:9. <a href="https://pubmed.ncbi.nlm.nih.gov/28967793/">https://pubmed.ncbi.nlm.nih.gov/28967793/</a>. Accessed May 25, 2020.
- 4. Bussel J, Arnold DM, Grossbard E, et al. Fostamatinib for the treatment of adult persistent and chronic immune thrombocytopenia: Results of two phase 3, randomized, placebo-controlled trials. *Am J Hematol*. 2018;93(7):921–930. <a href="https://pubmed.ncbi.nlm.nih.gov/29696684/">https://pubmed.ncbi.nlm.nih.gov/29696684/</a>. Accessed May 25, 2020.

5.

### xcii References Tepezza<sup>xcii</sup> (teprotumumab-trbw)

- 1. Douglas RS, Kahaly GJ, Patel A, et al. Teprotumumab for the treatment of active thyroid eye disease. N Engl J Med. 2020;382(4):341-352. doi: 10.1056/NEJMoa1910434. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed?term=31971679
- 2. Tepezza (teprotumumab) [prescribing information]. Lake Forest, IL: Horizon Therapeutics USA Inc; January 2020. <a href="https://www.hzndocs.com/TEPEZZA-Prescribing-Information.pdf">https://www.hzndocs.com/TEPEZZA-Prescribing-Information.pdf</a>
- 3. Davies TF, Burch HB. (2020). Treatment of Graves' orbitopathy (ophthalmopathy). In JE Mulder (Ed.) UpToDate. Accessed April 17, 2020 from <a href="https://www.uptodate.com/contents/treatment-of-graves-orbitopathy-">https://www.uptodate.com/contents/treatment-of-graves-orbitopathy-</a>
  ophthalmopathy?search=tepezza&source=search\_result&selectedTitle=2~5&usage\_type=default&display\_rank=1#H8

#### xciii Testosterone References:

- 1. Androgel® 1% [package insert]. North Chicago, IL: AbbVie Inc; May 2019. <a href="https://www.rxabbvie.com/pdf/androgel\_Pl.pdf">https://www.rxabbvie.com/pdf/androgel\_Pl.pdf</a>. Accessed June 3, 2021.
- 2. Androgel® 1.62% [package insert]. North Chicago, IL: AbbVie Inc; November 2020. <a href="https://www.rxabbvie.com/pdf/androgel1-62-Pl.pdf">https://www.rxabbvie.com/pdf/androgel1-62-Pl.pdf</a>. Accessed June 3, 2021.
- 3. Androderm® [package insert]. Irvine, CA: Allergan USA Inc.; May 2020. <a href="https://media.allergan.com/actavis/actavis/media/allergan-pdf-documents/product-prescribing/2018-04-Androderm-USPI-Clean.pdf">https://media.allergan.com/actavis/actavis/media/allergan-pdf-documents/product-prescribing/2018-04-Androderm-USPI-Clean.pdf</a>. Accessed June 3, 2021.
- 4. Axiron [package insert]. Indianapolis, IN: Eli Lilly and Company; July 2017. http://uspl.lilly.com/axiron/axiron.html. Accessed June 3, 2021.
- 5. Testopel® [package insert]. Malvern, PA: Endo Pharmaceuticals Inc; Aug 2018. https://www.endo.com/File%20Library/Products/Prescribing%20Information/Testopel prescribing information.html. Accessed June 3, 2021.
- 6. Clinical Pharmacology. http://www.clinicalpharmacology-ip.com/Default.aspx. Accessed February 17, 2020.
- 7. Bhasin S, Brito JP, Cunningham GR, et al. Testosterone Therapy in Men with Hypogonadism: An Endocrine Society Clinical Practice Guideline. The Journal of Clinical Endocrinology & Metabolism. <a href="https://academic.oup.com/jcem/article/103/5/1715/4939465">https://academic.oup.com/jcem/article/103/5/1715/4939465</a>. Accessed June 3, 2021.
- 8. Hembree WC, Cohen-Kettenis PT, Gooren L, et al. Endocrine Treatment of Gender-Dysphoric/Gender-Incongruent Persons: An Endocrine Society Clinical Practice Guideline. <a href="https://academic.oup.com/jcem/article/102/11/3869/4157558">https://academic.oup.com/jcem/article/102/11/3869/4157558</a>. Accessed June 3, 2021.

Last Update: 12.1.2020, 12.4.2020, 3.1.2021, 5.11.2021, 6.28.2021, 8.1.2021, 9.13.2021, 10.1.2021, 12.17.2021, 1.9.2022, 2.1.2022, 2.17.2022, 2.28.2022, 3.11.2022, 4.5.2022, 4.7.2022, 4.26.2022,



- 9. World Professional Association for Transgender Health (WPATH). Standards of Care for the Health of Transsexual, Transgender, and Gender-Nonconforming People. 7<sup>th</sup> ed; 2011. <a href="https://www.wpath.org/media/cms/Documents/SOC%20v7/SOC%20V7\_English.pdf">https://www.wpath.org/media/cms/Documents/SOC%20v7/SOC%20V7\_English.pdf</a>. Accessed June 3, 2021
- 10. Crowley WF, Pitteloud N. Approach to the Patient with Delayed Puberty. Waltham, MA. UpToDate. Last modified Oct 15, 2020. <a href="https://www.uptodate.com/contents/approach-to-the-patient-with-delayed-puberty">https://www.uptodate.com/contents/approach-to-the-patient-with-delayed-puberty</a>. Accessed February 17, 2020.
- 11. Tang AM, Forrester J, Spiegelman D, et al. Weight loss and survival in HIV-positive patients in the era of HAART. J Acquir Immune Defic Syndr 2002;31:230-236. https://pubmed.ncbi.nlm.nih.gov/12394802/. Accessed June 3, 2021.

### xciv Topical Corticosteroids

- 1. Amcinonide [package insert]. GlaxoSmithKline Inc. Mississauga Road, Mississauga, Ontario; November 2014. https://ca.gsk.com/media/1187406/cyclocort.pdf. Accessed October 3, 2019.
- Clobetasol [package insert]. Stiefel Laboratories, Inc. Research Triangle Park, NC; April 2014. <a href="https://www.accessdata.fda.gov/drugsatfda.docs/label/2013/022013s009lbl.pdf">https://www.accessdata.fda.gov/drugsatfda.docs/label/2013/022013s009lbl.pdf</a>. Accessed October 3, 2019.
- Desonide [package insert]. Stiefel Laboratories, Inc. Research Triangle Park, NC; April 2013. <a href="https://www.accessdata.fda.gov/drugsatfda">https://www.accessdata.fda.gov/drugsatfda</a> docs/label/2013/021978s010lbl.pdf. Accessed October 3, 2019.
- Fluocinolone oil [package insert]. Hill Laboratories, Inc. Sanford, Florida; August 1999.
   <a href="https://www.accessdata.fda.gov/drugsatfda">https://www.accessdata.fda.gov/drugsatfda</a> docs/label/1999/19425s15lbl.pdf. Accessed October 2, 2019.
- 5. Hydrocortisone valerate [package insert]. Taro Pharmaceuticals, Inc., Bramalea, Ontario; December 1996. https://www.accessdata.fda.gov/drugsatfda\_docs/nda/98/75043\_Hydrocortisone%20Valerate\_prntlbl.pdf. Accessed October 3, 2019.
- TOPICORT (desoximetasone) [package insert]. Taro Pharmaceuticals Inc., Brampton, Ontario; December 2015. <a href="https://www.accessdata.fda.gov/drugsatfda.docs/label/2015/204141s004lbl.pdf">https://www.accessdata.fda.gov/drugsatfda.docs/label/2015/204141s004lbl.pdf</a>. Accessed October 3, 2019.
- 7. Cloderm (clocortolone pivalate) [package insert]. DPT LABORATORIES, LTD. San Antonio, Texas; 2018. <a href="http://www.clodermcream.com/wp-content/uploads/2018/09/ClodermCreamPl.pdf">http://www.clodermcream.com/wp-content/uploads/2018/09/ClodermCreamPl.pdf</a>. Accessed October 2, 2019.

#### xcv TIRF References

- Abstral® [package insert]. Sentynl Therapeutics, Solana Beach, CA; December 2019. <a href="https://dailymed.nlm.nih.gov/dailymed/drugInfo.cfm?setid=e60f00e9-2cf4-4c20-b570-1c2ea426c8c7">https://dailymed.nlm.nih.gov/dailymed/drugInfo.cfm?setid=e60f00e9-2cf4-4c20-b570-1c2ea426c8c7</a>. Accessed June 1, 2021.
- 2. Actiq® [package insert]. Cephalon Inc., Frazer, PA; March 2021. <a href="https://dailymed.nlm.nih.gov/dailymed/drugInfo.cfm?setid=90b94524-f913-48b3-3771-7b2fcffd888a">https://dailymed.nlm.nih.gov/dailymed/drugInfo.cfm?setid=90b94524-f913-48b3-3771-7b2fcffd888a</a>. Accessed June 1, 2021.
- 3. Fentora® [package insert]. Cephalon, Inc., Fazer, PA; March 2021. <a href="https://dailymed.nlm.nih.gov/dailymed/drugInfo.cfm?setid=8f549d95-985b-f783-1ebb-ef57bd2ecb05">https://dailymed.nlm.nih.gov/dailymed/drugInfo.cfm?setid=8f549d95-985b-f783-1ebb-ef57bd2ecb05</a>. Accessed June 1, 2021.
- Lazanda® [package insert]. West Therapeutic Development, LLC, Northbrook, IL; March 2021.
   <a href="https://dailymed.nlm.nih.gov/dailymed/drugInfo.cfm?setid=73f38bde-2132-2b5a-e053-2a91aa0a6efb">https://dailymed.nlm.nih.gov/dailymed/drugInfo.cfm?setid=73f38bde-2132-2b5a-e053-2a91aa0a6efb</a>. Accessed June 1, 2021.
- Onsolis® [package insert]. BioDelivery Sciences, International, Inc., Raleigh, NC; March 2021. https://www.accessdata.fda.gov/drugsatfda\_docs/label/2021/022266s025lbl.pdf. Accessed June 1, 2021.
- Subsys® [package insert]. Phoenix, AZ, Insys Therapeutics, Inc.; October 2019.
   <a href="https://www.accessdata.fda.gov/drugsatfda">https://www.accessdata.fda.gov/drugsatfda</a> docs/label/2016/202788s016lbl.pdf. Accessed June 1, 2021.

Last \$\text{Update} \delta \text{Standard} \delta \text{Linical Pharmacalogy} \delta \text{Standard} \delta \text{Update} \delta \text{Linical Pharmacalogy} \delta \text{Line 2029} \delta \text{Line



- 8. TIRF REMS Access Program Website. https://www.tirfremsaccess.com/TirfUI/rems/home.action. Accessed June 1, 2021.
- 9. Portenoy, R.K., Mehta, Z., Ahmed, E. (2021) Cancer pain management with opioids: Optimizing analgesia. In J. Abrahm (Ed.), *UpToDate*. Retrieved June 1, 2021 from: https://www.uptodate.com/contents/cancer-pain-management-with-opioids-optimizing-analgesia.

#### xcvi Tykerb References

- 1. Tykerb® [package insert.] East Hanover, NJ: Novartis Pharmaceuticals Corporation; Revised February 2021. https://www.pharma.us.novartis.com/sites/www.pharma.us.novartis.com/files/tykerb.pdf. Accessed May 27, 2021.
- 2. National Comprehensive Cancer Network (NCCN). NCCN Clinical Practice Guidelines in Oncology. Breast Cancer Version 4.2021. 2021 Apr 28; National Comprehensive Cancer Network. Available from: <a href="http://www.nccn.org/professionals/physician\_gls/pdf/breast.pdf">http://www.nccn.org/professionals/physician\_gls/pdf/breast.pdf</a>. Accessed May 27, 2021
- 3. National Comprehensive Cancer Network (NCCN). NCCN Clinical Practice Guidelines in Oncology. Bone Cancer Version 1.2021. 2020 Nov 20; National Comprehensive Cancer Network. Available from: <a href="https://www.nccn.org/professionals/physician\_gls/pdf/bone.pdf">https://www.nccn.org/professionals/physician\_gls/pdf/bone.pdf</a>. Accessed May 27, 2021.
- National Comprehensive Cancer Network (NCCN). NCCN Clinical Practice Guidelines in Oncology. Colon Cancer Version 2.2021. 2021 Jan 21;
   National Comprehensive Cancer Network. Available from: <a href="https://www.nccn.org/professionals/physician\_gls/pdf/colon.pdf">https://www.nccn.org/professionals/physician\_gls/pdf/colon.pdf</a>. Accessed May 27, 2021.
- National Comprehensive Cancer Network (NCCN). NCCN Clinical Practice Guidelines in Oncology. Rectal Cancer Version 1.2021. 2020 Dec 22;
   National Comprehensive Cancer Network. Available from: <a href="https://www.nccn.org/professionals/physician\_gls/pdf/rectal.pdf">https://www.nccn.org/professionals/physician\_gls/pdf/rectal.pdf</a>. Accessed May 27, 2021.
- National Comprehensive Cancer Network (NCCN). NCCN Clinical Practice Guidelines in Oncology. Central Nervous System Cancers Version 5.2020.
   2021 Apr 15; National Comprehensive Cancer Network. Available from: <a href="https://www.nccn.org/professionals/physician\_gls/pdf/cns.pdf">https://www.nccn.org/professionals/physician\_gls/pdf/cns.pdf</a>. Accessed May 27, 2021.

### xcvii Viscosupplements References:

- Durolane® [package insert]. Durham, NC: Bioventus LLC; Revised October 2017. <a href="https://www.accessdata.fda.gov/cdrh\_docs/pdf17/P170007D.pdf">https://www.accessdata.fda.gov/cdrh\_docs/pdf17/P170007D.pdf</a>. Accessed August 20, 2020.
- 2. Euflexxa® [package insert]. Parsippany, NJ: Ferring Pharmaceuticals Inc.; Revised July 2016. <a href="http://www.ferringusa.com/wp-content/uploads/2018/04/EuflexxaPI-07-2016.pdf">http://www.ferringusa.com/wp-content/uploads/2018/04/EuflexxaPI-07-2016.pdf</a>. Accessed August 20, 2020.
- 3. Gel-One® [package insert]. Warsaw, IN: Zimmer; Revised May 2011. <a href="https://www.zimmerbiomet.com/content/dam/zimmer-web/documents/en-US/pdf/medical-professionals/biologics-sports-medicine/Gel-One-Pkg-Insert-Final.pdf">https://www.zimmerbiomet.com/content/dam/zimmer-web/documents/en-US/pdf/medical-professionals/biologics-sports-medicine/Gel-One-Pkg-Insert-Final.pdf</a>. Accessed August 20, 2020.
- GelSyn-3<sup>™</sup> [package insert]. Durham, NC: Bioventus LLC; Revised January 2016. <a href="https://www.gelsyn3.com/wp-content/uploads/2016/09/ifu.pdf">https://www.gelsyn3.com/wp-content/uploads/2016/09/ifu.pdf</a>.
   Accessed August 20, 2020
- GenVisc® 850 [package insert]. Doylestown, PA: OrthogenRx, Inc.; Revised September 2015. https://www.accessdata.fda.gov/cdrh\_docs/pdf14/P140005d.pdf. Accessed August 20, 2020.
- 6. Hyalgan® [package insert]. Parsippany, NJ: Fidia Pharma USA Inc.; Revised May 2014. <a href="https://hyalgan.com/wp-content/themes/Nebula-master/pdf/hyalgan\_pi.pdf">https://hyalgan.com/wp-content/themes/Nebula-master/pdf/hyalgan\_pi.pdf</a>. Accessed August 20, 2020.
- 7. Hymovis® [package insert]. Parsippany, NJ: Fidia Pharma USA Inc.; Revised October 2015. <a href="http://hymovis.com/wp-content/uploads/2017/04/HYMOVIS\_Pl.pdf">http://hymovis.com/wp-content/uploads/2017/04/HYMOVIS\_Pl.pdf</a>. Accessed August 20, 2020.

Last Update: 12.1.2020, 12.4.2020, 3.1.2021, 5.11.2021, 6.28.2021, 8.1.2021, 9.13.2021, 10.1.2021, 12.17.2021, 1.9.2022, 2.1.2022, 2.17.2022, 2.28.2022, 3.11.2022, 4.5.2022, 4.7.2022, 4.26.2022,



- 8. Monovisc™ [package insert]. Bedford, MA: Anika Therapeutics, Inc.; Revised December 2013. https://www.accessdata.fda.gov/cdrh\_docs/pdf9/P090031c.pdf. Accessed August 20, 2020.
- Orthovisc® [package insert]. Woburn, MA: Anika Therapeutics, Inc.; Revised September 2014. <a href="https://www.accessdata.fda.gov/cdrh">https://www.accessdata.fda.gov/cdrh</a> docs/pdf3/p030019c.pdf. Accessed August 20, 2020.
- 10. Supartz FX<sup>™</sup> [package insert]. Durham, NC; Bioventus LLC; Revised April 2015. <a href="http://www.supartzfx.com/wp-content/uploads/2015/07/SUPARTZ">http://www.supartzfx.com/wp-content/uploads/2015/07/SUPARTZ</a> FX Package Insert.pdf. Accessed August 20, 2020.
- 11. Synvisc® [package insert]. Ridgefield, NJ: Genzyme Biosurgery; Revised September 2014. <a href="http://products.sanofi.us/synvisc/synvisc.html">http://products.sanofi.us/synvisc/synvisc.html</a>. Accessed August 20, 2020.
- 12. Synvisc-One® [package insert]. Ridgefield, NJ: Genzyme Biosurgery; Revised September 2014. http://products.sanofi.us/synviscone/synviscone.html. August 20, 2020.
- Visco-3™ [package insert]. Warsaw, IN: Zimmer; Revised April 2017. <a href="https://www.accessdata.fda.gov/cdrh\_docs/pdf/p980044s027d.pdf">https://www.accessdata.fda.gov/cdrh\_docs/pdf/p980044s027d.pdf</a>. Accessed August 20, 2020.
- TriVisc™ [package insert]. Doylestown, PA: OrthogenRx Inc; Revised September 2018. https://www.accessdata.fda.gov/cdrh\_docs/pdf16/P160057D.pdf. Accessed August 20, 2020.
- Triluron™ [package insert]. Florham Park, NJ: Fidia Pharma USA Inc.; Revised July 2019. https://www.accessdata.fda.gov/cdrh\_docs/pdf18/P180040C.pdf. Accessed August 20, 2020.
- 16. Drug Facts and Comparisons on-line. (www.drugfacts.com), Wolters Kluwer Health, St. Louis, MO. Updated periodically.
- 17. Clinical Pharmacology [Internet database]. Gold Standard Inc. Tampa, FL. Updated periodically.
- 18. American Academy of Orthopedic Surgeons. (Resource of the World Wide Web). Treatment of Osteoarthritis of the Knee Practice guidelines 2<sup>nd</sup> Edition May, 2013. (National guideline Clearinghouse, 2012) (Osteoarthritis: Care and management in adults, 2014). Accessed August 20, 2020.
- 19. Hochberg MC, Altman RD, April KT, et al. American College of Rheumatology 2012 recommendations for the use of nonpharmacologic and pharmacologic therapies in osteoarthritis of the hand, hip, and knee. Arthritis Care Res (Hoboken). 2012;64(4):465-474. doi:10.1002/acr.21596.
- 20. McAlindon TE, Bannuru RR, Sullivan MC et al. OARSI guidelines for the non-surgical management of knee osteoarthritis. March 14 Volume 22, Issue 3, Pages 363–388.
- Osteoarthritis: Care and management in Adults. NICE Guidelines (cg177) published date: February 2014. <a href="https://www.nice.org.uk/guidance/cg177">https://www.nice.org.uk/guidance/cg177</a>. Accessed August 20, 2020.
- 22. Washington State Health Care Authority Health Technology Assessment. Hyaluronic Acid/Viscosupplementation (Re-Review) Final Evidence Report. October 14, 2013. <a href="http://www.hca.wa.gov/hta/Documents/ha-visco-final report 101113.pdf">http://www.hca.wa.gov/hta/Documents/ha-visco-final report 101113.pdf</a>. Accessed August 20, 2020.
- 23. Dowell D, Haegerich TM, Chou R. CDC Guideline for Prescribing Opioids for Chronic Pain United States, 2016. MMWR Recomm Rep 2016;65(No. RR-1):1–49. DOI: http://dx.doi.org/10.15585/mmwr.rr6501e1
- 24. Altman R, Asch E, Bloch D, et al. (1986), Development of Criteria for the Classification and Reporting of Osteoarthritis: Classification of Osteoarthritis of the Knee. Arthritis & Rheumatism, 29: 1039-1049. doi:10.1002/art.1780290816
- 25. Yong Wu, En Lin Goh, Dong Wang, and Shaocheng Ma. Novel treatments for osteoarthritis: an update. 2018; 10: 135–140. Published online 2018 Oct. doi: 10.2147/OARRR.S176666. Retrieved from https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6174890/. Accessed August 20, 2020.
- 26. Frakes EP, Risser RC, Ball TD, Hochberg MC, Wohlreich MM. Duloxetine added to oral nonsteroidal anti-inflammatory drugs for treatment of knee pain due to osteoarthritis: results of a randomized, double-blind, placebo-controlled trial. Curr Med Res Opin. 2011;27(12):2361–2372.

Last Update: 12.1.2020, 12.4.2020, 3.1.2021, 5.11.2021, 6.28.2021, 8.1.2021, 9.13.2021, 10.1.2021, 12.17.2021, 1.9.2022, 2.1.2022, 2.17.2022, 2.28.2022, 3.11.2022, 4.5.2022, 4.7.2022, 4.26.2022,



### xcviii Votrient References

- 1. Votrient® [package insert]. East Hanover, NJ: Novartis Pharmaceuticals Corporation; Revised August 2020. <a href="https://www.pharma.us.novartis.com/sites/www.pharma.us.novartis.com/files/votrient.pdf">https://www.pharma.us.novartis.com/sites/www.pharma.us.novartis.com/files/votrient.pdf</a>. Accessed May 28, 2021.
- National Comprehensive Cancer Network (NCCN). NCCN Clinical Practice Guideline in Oncology: Kidney Cancer. Version 4.2021. 2021 Apr 19; National Comprehensive Care Network. Available from: <a href="https://www.nccn.org/professionals/physician-gls/pdf/kidney.pdf">https://www.nccn.org/professionals/physician-gls/pdf/kidney.pdf</a>. Accessed May 28, 2021.
- National Comprehensive Cancer Network (NCCN). NCCN Clinical Practice Guideline in Oncology: Soft Tissue Sarcoma. Version 2.2021. 2021 Apr 28;
   National Comprehensive Care Network. Available from: <a href="https://www.nccn.org/professionals/physician\_gls/pdf/sarcoma.pdf">https://www.nccn.org/professionals/physician\_gls/pdf/sarcoma.pdf</a>. Accessed May 28, 2021.
- National Comprehensive Cancer Network (NCCN). NCCN Clinical Practice Guideline in Oncology: Gastrointestinal Stromal Tumors. Version 1.2021.
   2020 Oct 30; National Comprehensive Care Network. Available from: <a href="https://www.nccn.org/professionals/physician\_gls/pdf/gist.pdf">https://www.nccn.org/professionals/physician\_gls/pdf/gist.pdf</a>. Accessed May 28, 2021.
- 5. National Comprehensive Cancer Network (NCCN). NCCN Clinical Practice Guideline in Oncology: Dermatofibrosarcoma Protuberans. Version 1.2021. 2021 Feb 8; National Comprehensive Care Network. Available from: <a href="https://www.nccn.org/professionals/physician\_gls/pdf/dfsp.pdf">https://www.nccn.org/professionals/physician\_gls/pdf/dfsp.pdf</a>. Accessed May 28, 2021.
- National Comprehensive Cancer Network (NCCN). NCCN Clinical Practice Guideline in Oncology: Ovarian Cancer. Version 1.2021. 2021 Feb 26;
   National Comprehensive Care Network. Available from: <a href="https://www.nccn.org/professionals/physician\_gls/pdf/ovarian.pdf">https://www.nccn.org/professionals/physician\_gls/pdf/ovarian.pdf</a>. Accessed May 28, 2021.
- 7. National Comprehensive Cancer Network (NCCN). NCCN Clinical Practice Guideline in Oncology: Uterine Neoplasms. Version 2.2021. 2021 May 7; National Comprehensive Care Network. Available from: <a href="https://www.nccn.org/professionals/physician\_gls/pdf/uterine.pdf">https://www.nccn.org/professionals/physician\_gls/pdf/uterine.pdf</a>. Accessed May 28, 2021.
- 8. National Comprehensive Cancer Network (NCCN). NCCN Clinical Practice Guidelines in Oncology: Thyroid Carcinoma. Version 1.2021. 2021 Apr 9; National Comprehensive Cancer Network. Available from: <a href="https://www.nccn.org/professionals/physician\_gls/pdf/thyroid.pdf">https://www.nccn.org/professionals/physician\_gls/pdf/thyroid.pdf</a>. Accessed May 28, 2021.

#### xcix Wakefulness Agents References

- 1. Nuvigil® [package insert]. North Wales, PA; TEVA Pharmaceuticals/Cephalon, Inc. November 2018. <a href="https://www.nuvigil.com/globalassets/nuvigil-consumer/nuv-40995-nuvigil-pi-nuv-010-11-2018-digital2.pdf">https://www.nuvigil.com/globalassets/nuvigil-consumer/nuv-40995-nuvigil-pi-nuv-010-11-2018-digital2.pdf</a>. Accessed 7/26/2019.
- 2. Provigil® [package insert]. North Wales, PA; TEVA Pharmaceuticals/Cephalon, Inc. November 2018. <a href="http://www.provigil.com/pdfs/prescribing\_info.pdf">http://www.provigil.com/pdfs/prescribing\_info.pdf</a>. Accessed July 26, 2019.
- 3. Sunosi™ [package insert]. Palo Alto, CA; Jazz Pharmaceuticals. June 2019. <a href="https://pp.jazzpharma.com/pi/sunosi.en.USPI.pdf">https://pp.jazzpharma.com/pi/sunosi.en.USPI.pdf</a>. Accessed July 30, 2019.
- 4. Wakix® [package insert]. Plymouth Meeting, PA; Harmony Biosciences, LLC. August 2019. https://wakix.com/assets/pdf/wakix\_prescribinginformation\_us.pdf. Accessed October 1, 2019.
- 5. Gold Standard, Inc. Clinical Pharmacology [database online]. http://www.clinicalpharmacology.com. Accessed July 30, 2019.
- 6. Chervin RD. Approach to the Patient with Excessive Daytime Sleepiness. Waltham, MA. UpToDate. Last Modified September 14, 2017. <a href="https://www.uptodate.com/contents/approach-to-the-patient-with-excessive-daytime-sleepiness">https://www.uptodate.com/contents/approach-to-the-patient-with-excessive-daytime-sleepiness</a>. Accessed July 29, 2019.

Last Update: 12.1.2020, 12.4.2020, 3.1.2021, 5.11.2021, 6.28.2021, 8.1.2021, 9.13.2021, 10.1.2021, 12.17.2021, 1.9.2022, 2.1.2022, 2.17.2022, 2.28.2022, 3.11.2022, 4.5.2022, 4.7.2022, 4.26.2022,



- 7. Morgenthaler TJ, Kapur VK, Brown T, et al. Practice parameters for the treatment of narcolepsy and other hypersomnias of central origin. Sleep 2007;30(12):1705-11.
- 8. Epstein LJ, Kristo D, Strollo PJ Jr, et al. Clinical guideline for the evaluation, management and long-term care of obstructive sleep apnea in adults. J Clin Sleep Med. 2009;5(3):263–276.
- 9. Cheng P, Drake CL. Sleep-wake Disturbances in Shift Workers. Waltham, MA. UpToDate. Last Modified June 17, 2019. https://www.uptodate.com/contents/sleep-wake-disturbances-in-shift-workers. Accessed July 30, 2019.

#### <sup>c</sup> Xifaxan References:

- Xifaxan Prescribing Information. Salix Pharmaceuticals., Bridgewater, NJ January 2018. <a href="https://shared.salix.com/shared/pi/xifaxan550-pi.pdf">https://shared.salix.com/shared/pi/xifaxan550-pi.pdf</a>.
   Accessed October 3, 2019.
- 2. AASLD Guidelines. Hepatic Encephalopathy in Chronic Liver Disease: 2014 Practice Guideline by AASLD and EASL. https://www.aasld.org/sites/default/files/guideline documents/hepaticencephenhanced.pdf. Accessed October 4, 2019.
- 3. IDSA Guidelines. 2017 Infectious Diseases Society of America Clinical Practice Guidelines for the Diagnosis and Management of Infectious Diarrhea. <a href="http://www.uphs.upenn.edu/bugdrug/antibiotic manual/idsa%20infectious%20diarrhea%20dx%20and%20management%20guidelines%202017.pd">http://www.uphs.upenn.edu/bugdrug/antibiotic manual/idsa%20infectious%20diarrhea%20dx%20and%20management%20guidelines%202017.pd</a> f Accessed October 4, 2019).
- 4. Centers for Disease Control (CDC). Travelers' Health Yellow Book- Chapter 2. Preparing International Travelers Travelers' diarrhea. https://wwwnc.cdc.gov/travel/yellowbook/2020/preparing-international-travelers/travelers-diarrhea. Accessed October 4, 2019.
- 5. Chang L, Lembo A, Sultan S. American Gastroenterological Association Institute Technical Review on the Pharmacological Management of Irritable Bowel Syndrome. Gastroenterology. 2014; 147(5):1149–1172. Available from: <a href="http://www.gastrojournal.org/article/S0016-5085(14)01090-7/pdf">http://www.gastrojournal.org/article/S0016-5085(14)01090-7/pdf</a>. Accessed October 3, 2019.

#### ci Xolair References

- XOLAIR (Omalizumab) [package insert]. South San Francisco, CA; Genentech, Inc.; Revised May 2019. https://www.gene.com/download/pdf/xolair\_prescribing.pdf. Accessed May 11, 2020.
- 2. Lanier B, Bridges T, Kulus M, et al. Omalizumab for the treatment of exacerbations in children with inadequately controlled allergic (IgE-mediated) asthma. *J Allergy Clin Immunol*. 2009;124(6):1210-6. doi: 10.1016/j.jaci.2009.09.021.
- 3. National Institute for Health and Care Excellence (NICE). Omalizumab for treating severe persistent allergic asthma (review of technology appraisal guidance 133 and 201). London (UK): National Institute for Health and Care Excellence (NICE); 2013 Apr. 64 p. (Technology appraisal guidance; no. 278).
- 4. Global Initiative for Asthma (GINA) 2020. Global strategy for asthma management and prevention. <a href="https://ginasthma.org/wp-content/uploads/2020/04/GINA-2020-full-report-final-wms.pdf">https://ginasthma.org/wp-content/uploads/2020/04/GINA-2020-full-report-final-wms.pdf</a>. Accessed May 18, 2020
- 5. National Heart, Blood, and Lung Institute Expert Panel Report 4 (EPR 4): Guidelines for the Diagnosis and Management of Asthma. NIH Publication no. 08-4051, 2007. <a href="https://www.nhlbi.nih.gov/about/advisory-and-peer-review-committees/national-asthma-education-and-prevention-program-coordinating/EPR4-working-group">https://www.nhlbi.nih.gov/about/advisory-and-peer-review-committees/national-asthma-education-and-prevention-program-coordinating/EPR4-working-group</a>
- 6. National Institute for Health and Care Excellence (NICE). Omalizumab for previously treated chronic spontaneous urticaria. London (UK): National Institute for Health and Care Excellence (NICE); 2015 June. (Technology appraisal guidance; no. 339).
- 7. Bernstein JA, Lang DM, Khan DA, et al. The diagnosis and management of acute and chronic urticaria: 2014 update. *J Allergy Clin Immunol.* 2014:133:1270-1277.

Last Update: 12.1.2020, 12.4.2020, 3.1.2021, 5.11.2021, 6.28.2021, 8.1.2021, 9.13.2021, 10.1.2021, 12.17.2021, 1.9.2022, 2.17.2022, 2.17.2022, 2.28.2022, 3.11.2022, 4.5.2022, 4.7.2022, 4.26.2022,



- 8. Khan D. Chronic urticaria: Treatment of refractory symptoms. UpToDate. http://www.uptodate.com. Updated April 27,2020. Accessed May 11, 2020.
- 9. Casale T, Stokes J. Anti-IgEtherapy. UptoDate. http://www.uptodate.com. Updated April 24, 2020. Accessed May 11, 2020
- 10. DRUGDEX® System [Internet database]. Greenwood Village, CO: Thomson Micromedex. Accessed . May 11, 2020
- 11. Drug Facts and Comparisons online (www.drugfacts.com), Wolters Kluwer Health, St. Louis, MO, Accessed May 18, 2020
- 12. National Asthma Education and Prevention Program: Expert Panel Report 3: Guidelines for the diagnosis and management of asthma. October 2007. Available at: http://www.nhlbi.nih.gov/guidelines/asthma/asthsumm.pdf.
- 13. Clinical Pharmacology [https://www.clinicalkey.com/pharmacology/]. Accessed May 11, 2020.

### cii Xvrem References:

- 1. Xyrem prescribing information. Palo Alto, CA. Jazz Pharmaceuticals, Inc. Revised 10/2018. http://pp.jazzpharma.com/pi/xyrem.en.USPI.pdf. Accessed May 11, 2020.
- 2. Scammell, TE. (2020). Treatment of narcolepsy in adults. In AF Eichler (Ed.), UpToDate. Retrieved May 11, 2020 from https://www.uptodate.com/contents/treatment-of-narcolepsy-inadults?search=xyrem&source=search\_result&selectedTitle=4~36&usage\_type=default&display\_rank=3#H3
- 3. Morgenthaler TI, Kapur VK, et al. Practice Parameters for the Treatment of Narcolepsy and other Hypersomnia's of Central Origin: An American Academy of Sleep Medicine Report. December 1, 2007, available from https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2276123/. Accessed May 11. 2020.
- 4. Wise MS, Arand DL, et al. Treatment of narcolepsy and other hypersomnia's of central origin: An American Academy of Sleep Medicine Review. December 1, 2007, available from https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2276130/. Accessed May 11, 2020.
- 5. Food and Drug Administration (FDA) drug safety communication: warning against the use of Xyrem (sodium oxybate) with alcohol or drugs causing respiratory depression. December 2012. https://www.fda.gov/drugs/drug-safety-and-availability/fda-drug-safety-communication-warning-againstuse-xyrem-sodium-oxybate-alcohol-or-drugs-causing. Accessed May 11, 2020.
- 6. Judd, BG, Sateia, MJ, (2020). Classification of sleep disorders. In A.F. Eichler (Ed.), retrieved May, 2020, from https://www.uptodate.com/contents/classification-of-sleep-disorders#H618724283
- 7. Solriamfetol (Sunosi); drug monograph. FDA approved March 2019. . Retrieved May 11, 2020, from https://www-uptodate-com/contents/solriamfetoldrug-information?search=treatment%20of%20cataplexy&topicRef=7681&source=see link#F53394149
- 8. Kotagal, S., (2020). Narcolepsy in children. In A.F. Eichler (Ed.), retrieved May 11, 2020, from https://www.uptodate.com/contents/narcolepsy-inchildren?search=cataplexv%20treatment&source=search\_result&selectedTitle=2~46&usage\_type=default&display\_rank=2#H31532863

Last Update: 12.1.2020, 12.4.2020, 3.1.2021, 5.11.2021, 6.28.2021, 8.1.2021, 9.13.2021, 10.1.2021, 12.17.2021, 1.9.2022, 2.1.2022, 2.17.2022, 2.28.2022, 3.11.2022, 3.11.2022, 2.28.2021, 10.1.2021, 1 4.5.2022, 4.7.2022, 4.26.2022,