
Specialty Guideline Management (SGM) Therapy and Drug Overview

ACROMEGALY

Acromegaly is a hormonal disorder in which there is excessive growth hormone and the body tissues gradually enlarge, possibly resulting in severe disfigurement, serious complicating conditions and premature death if untreated. There are no treatments to prevent the condition but these medications may prevent complications.

octreotide (Sandostatin) **Sandostatin LAR Depot**
Somatuline Depot **Somavert**

ALCOHOL AND OPIOID DEPENDENCY

Alcohol and opioid dependence can have severe impact on both physical and mental health. Vivitrol is an injectable medication used to treat alcohol and opioid dependence.

Vivitrol

ALLERGIC ASTHMA

Asthma is a chronic disorder characterized by reversible airway obstruction and airway inflammation that is often triggered by environmental exposure to allergens. Patients with allergic asthma often have specific immunoglobulin E (IgE) antibodies to allergens. Xolair inhibits the binding of IgE to mast cells decreasing the body's reaction to the allergic stimuli.

Xolair

ALPHA1-ANTITRYPSIN (AAT) DEFICIENCY

AAT deficiency is a hereditary disorder that can cause lung and liver disease. AAT is a serum protein normally found in the lungs and helps to protect the lungs from diseases such as emphysema and chronic obstructive pulmonary disease (COPD). These protein replacement products are used to treat AAT deficiency.

Aralast NP **Prolastin-C**
Glassia **Zemaira**

ANEMIA

Anemia is a decrease in number of red blood cells (RBCs) or a decrease in the amount of hemoglobin. These medications stimulate RBC production to correct anemia.

Aranesp **Omontys**
Epogen **Procrit**

BOTULINUM TOXINS

Botulinum toxin is used to treat muscle spasms that affect muscles that control movement such as in the eye or neck. The toxin works by weakening or paralyzing affecting muscles or by blocking affecting nerves.

Botox **Myobloc**
Dysport **Xeomin**

CARDIAC DISORDERS

Tikosyn is used to treat arrhythmias and maintain normal heart rhythm.

Tikosyn

CENTRAL PRECOCIOUS PUBERTY (CPP)

CPP is a condition that causes early onset of puberty in boys and girls. In CPP, certain hormones are released too soon. Most of the time, the underlying cause of this early release is unknown. Lupron Depot-PED, leuprolide and Supprelin LA suppress the release of hormones that initiate puberty.

leuprolide **Supprelin LA**
Lupron Depot-PED

COAGULATION DISORDERS

Abnormal bleeding can result from rare genetic disorders of the coagulation system. Disorders of coagulation can lead to an increased risk of bleeding or thrombosis (clotting). Ceprotin is used in patients with congenital protein C deficiency for the prevention and treatment of venous thrombosis.

Ceprotin

CRYOPYRIN-ASSOCIATED PERIODIC SYNDROMES (CAPS)

CAPS are comprised of three rare genetic autoinflammatory syndromes: Familial cold autoinflammatory syndrome (FCAS), Muckle-wells syndrome (MWS) and Neonatal-onset multisystem inflammatory disease/chronic infantile neurologic cutaneous and articular syndrome (NOMID/CINCA). These syndromes are associated with an increased release of the cytokine interleukin, which causes the inflammation. There is no cure for CAPS, but these interleukin-1 inhibitors help reduce inflammation.

Arcalyst

Kineret

Ilaris

CUSHING'S SYNDROME

Cushing's syndrome is a disorder caused by overproduction of the hormone cortisol. Excess cortisol can result in weight gain, high blood pressure, depression and diabetes. Korlym works by blocking the action of cortisol. Korlym is indicated to control high blood glucose levels related to Cushing's syndrome when surgery was unsuccessful or surgery is not an option.

Korlym

Signifor

CYSTIC FIBROSIS (CF)

CF is an inherited disease of secretory glands, including the glands that make mucus and sweats. CF causes mucus to be thick and sticky. Treatment can help relieve symptoms and prevent complications. Because majority of patients die from respiratory failure, these medications help preserve lung function.

Bethkis

TOBI Podhaler

Cayston

tobramycin inhalation

Kalydeco

solution (TOBI)

Pulmozyme

ELECTROLYTE DISORDERS

Samsca helps to correct clinically significant low sodium levels due to conditions such as heart failure and certain hormone imbalances.

Samsca

GASTROINTESTINAL DISORDERS—OTHER

Short bowel syndrome (SBS) is related to the poor absorption of nutrients because part of the small intestine has been surgically removed or was missing at birth. Symptoms of SBS include weight loss, malnutrition, diarrhea and dehydration. Common reasons for SBS in adults include Crohn's disease, cancer, cancer treatment and other types of intestinal damage or blockage. Gattex is indicated for the treatment of patients with SBS who are dependent on intravenous nutritional support. Zorbtive is a growth hormone indicated for the treatment of SBS in patients receiving specialized nutritional support.

Gattex

Zorbtive

GOUT

Gout is a condition caused by high uric acid levels resulting in painful, swollen and tender joints that can lead to bone damage. Krystexxa is used for refractory chronic gout that cannot be controlled by standard gout medications.

Krystexxa

GROWTH HORMONE (GH) AND RELATED DISORDERS

GH is secreted by the pituitary gland and promotes growth and regulates metabolism. GH deficiency can be caused by congenital or acquired conditions. These GH products replace the protein the patient cannot produce on their own. Increlex replaces insulin-like growth factor that the body cannot produce on its own. Candidates for Increlex therapy have many of the same symptoms as patients that have GH deficiency (e.g., short stature, difficulty regulating metabolism).

Genotropin

Nutropin/Nutropin AQ

Humatrope

Omnitrope

Increlex

Saizen

Norditropin

Tev-Tropin

HEMATOPOIETICS

Mozobil is used in combination with granulocyte colony-stimulating factor in patients with non-Hodgkin's lymphoma and multiple myeloma who are undergoing bone marrow transplants. Neumega is used for the prevention of severe thrombocytopenia (low platelet count) following chemotherapy in adult patients with nonmyeloid malignancies.

Mozobil

Neumega

HEMOPHILIA AND RELATED BLEEDING DISORDERS

Hemophilia and von Willebrand disease (vWD) are inherited bleeding disorders. Hemophilia is caused by a deficiency of coagulation factor VIII (hemophilia A) or factor IX (hemophilia B). vWD is the most common inherited bleeding disorder and occurs when there is a defect in the quantity or quality of von Willebrand factor. These products replace the missing clotting factors to help prevent or treat spontaneous and traumatic bleeds and to recover from surgery.

Advate	Koate-DVI
Alphanate	Kogenate FS
AlphaNine SD	Monoclate-P
Alprolix	Mononine
Bebulin VH	NovoSeven
BeneFIX	Profilnine SD
Corifact	RiaSTAP
Eloctate	Rixubis
Feiba NF	Stimate Nasal Spray
Feiba VH	Tretten
Helixate FS	Wilate
Hemofil M	Xyntha
Humate-P	

HEPATITIS C

Hepatitis C is an infectious disease that causes inflammation of the liver. If left untreated, chronic infection may lead to liver damage or cirrhosis, liver cancer, or liver failure requiring a liver transplant.

Incivek	ribavirin (Copegus,
Pegasys	Rebetol, RibaPak,
Peg-Intron	Ribasphere)
Olysio	Sovaldi
	Victrelis

HEREDITARY ANGIOEDEMA (HAE)

HAE is a rare but serious disorder of the immune system that causes swelling, particularly of the face and airways and abdominal cramping. While there is no cure for HAE, treatment may include preventing or treating HAE attacks.

Berinert	Firazyr
Cinryze	Kalbitor

HORMONAL THERAPIES

Hormonal therapies are used to treat cancer and other medical conditions. Lupron is also used for infertility and central precocious puberty (CPP).

Aveed	Lupron Depot
Eligard	Trelstar
Firmagon	Vantas
leuprolide	Zoladex
Lupaneta Pack	

HUMAN IMMUNODEFICIENCY VIRUS (HIV)

HIV is the virus that causes acquired immune deficiency syndrome (AIDS). HIV attacks the immune system by destroying CD4 positive (CD4+) T cells, a type of white blood cell that is vital to fighting off infection. Fuzeon helps manage HIV by blocking the ability of HIV to enter and infect healthy CD4 cells. Egrifta is used to reduce the excess abdominal fat in HIV-infected patients with lipodystrophy. Serostim is used to increase lean body mass and body weight and improve physical endurance in HIV patients.

Egrifta	Serostim
Fuzeon	

IMMUNE THERAPIES

These medications replace immune globulin, a protein critical in fighting infection and providing immunity.

Bivigam	Gammaked
Carimune NF	Gammaplex
Cytogam	Gamunex
Flebogamma	Hizentra
GamaSTAN S/D	Octagam
Gammagard	Privigen

IMMUNE (IDIOPATHIC) THROMBOCYTOPENIA (ITP)

ITP is a condition in which there are too few platelets in the blood which may increase the risk for serious and potentially life-threatening bleeding. Nplate and Promacta act to increase platelet production and reduce the risk for serious bleeds.

Nplate	Promacta
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INFECTIOUS DISEASE

Actimmune is used to treat chronic granulomatous disease, an inherited disorder in which immune system cells do not function properly and make a person vulnerable to various infectious diseases. Actimmune is also used to treat a rare inherited bone disorder called osteopetrosis. Alferon-N is a type of interferon medication used to treat warts caused by the human papillomavirus (HPV).

Actimmune	Alferon-N
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INFERTILITY

Infertility means unable to become pregnant after a year of trying or unable to sustain a pregnancy. These medications are often used in combination as part of assisted reproductive technology (ART) treatments to achieve pregnancy.

Bravelle	Follistim AQ
Cetrotide	ganirelix acetate
chorionic gonadotropin (Novarel, Ovidrel, Pregnyl)	Gonal-F
	leuprolide
	Menopur
	Repronex

INFLAMMATORY BOWEL DISEASE (IBD)

IBD covers a group of disorders in which the intestines or bowels become inflamed. IBD may be triggered by abnormal action of the immune system. These medications treat Crohn's disease and ulcerative colitis, two forms of IBD. They help reduce inflammation, relieve symptoms and prevent flare-ups of IBD.

Cimzia	Remicade
Entyvio	Simponi
Humira	Tysabri

IRON OVERLOAD

Iron overload is caused by a build-up of iron in the body due to genetic disease or repeated blood transfusion.

deferoxamine (Desferal)	Ferriprox
Exjade	

LIPID DISORDERS

Familial hypercholesterolemia (FH) is an inherited lipid disorder that causes high cholesterol levels and early onset of cardiovascular disease. Homozygous FH is a rare, but severe form of FH that is associated with very high levels of cholesterol, cholesterol deposits in the tendons, skin and other areas, severe coronary heart disease at a young age and poor response to standard lipid-lowering therapy. Juxtapid and Kynamro are indicated to reduce cholesterol levels in patients with homozygous FH in addition to low-fat diet and other lipid-lowering treatments.

Juxtapid
Kynamro

LIPODYSTROPHY

Lipodystrophy is a rare disorder caused by abnormalities in fat tissue distribution and loss of fat tissue necessary for normal metabolism. It can affect fat tissue in the whole body (generalized) or only selected areas (partial). Lipodystrophy may lead to complications such as diabetes and lipid disorders. Low levels of the hormone leptin are frequently associated with this condition. Myalept is indicated for use with dietary changes to treat complications of leptin deficiency in patients with generalized lipodystrophy.

Myalept

LYSOSOMAL STORAGE DISORDERS (LSD) AND RELATED DISORDERS

LSDs are inherited genetic disorders caused by a lack of enzymes that normally eliminate unwanted substances in the cells. Over time, this can lead to damage to the body's systems and organs. These medications treat LSDs by replacing the missing enzyme.

Adagen	Lumizyme
Aldurazyme	Myozyme
Cerezyme	Naglazyme
Cystagon	Orfadin
Cystaran	Procysbi
Elaprase	Vimizim
Elelyso	VPRIV
Fabrazyme	Zavesca

MOVEMENT DISORDERS

Movement disorders describe many neurological conditions that cause involuntary excessive movements or slow, awkward, deliberate movements. Apokyn is used to treat "off" episodes (times of difficulty moving, walking and speaking that may happen as medication wears off or at random) in patients with Parkinson's disease. Xenazine is used to treat chorea (involuntary spasms or jerky movements) associated with Huntington's disease.

Apokyn	Xenazine
Northera	

MULTIPLE SCLEROSIS (MS)

MS is a neurological disease affecting the brain and spinal cord leading to a broad spectrum of signs and symptoms. Many of these medications are used to prevent disease progression of MS. Ampyra is used to improve walking in patients with MS.

Ampyra	Gilenya
Aubagio	mitoxantrone
Avonex	Rebif
Betaseron	Tecfidera
Copaxone	Tysabri
Extavia	

NEUTROPENIA

Neutropenia is an abnormally low count of neutrophils, the white blood cells that protect your body from infection. These medications stimulate the bone marrow to produce more white blood cells.

Granix	Leukine
Leukine	Neupogen

ONCOLOGY

These medications are used to treat various cancer conditions. Each agent has specific tumor types that it treats.

Adcetris	Perjeta
Afinitor	Pomalyst
Arzerra	Proleukin
Avastin	Revlimid
azacitidine (Vidaza)	Rituxan
Beleodaq	Sprycel
Bosulif	Stivarga
capecitabine (Xeloda)	Sutent
Caprelsa	Sylatron
Cometriq	Sylvant
Cyramza	Synribo
decitabine (Dacogen)	Tafinlar
Erbitux	Tarceva
Eriedge	Targetin
Erwinaze	Tasigna
Folotyng	temozolomide (Temodar)
Fusilev	Thalomid
Gazyva	Torisel
Gilotrif	Treanda
Gleevec	Tykerb
Halaven	Valchlor
Herceptin	Valstar
Hycamtin Capsules	Vectibix
Iclusig	Velcade
Imbruvica	Votrient
Inlyta	Xalkori
Intron-A	Xeloda
Istodax	Xgeva
Ixempra	Xtandi
Jakafi	Yervoy
Jevtana	Zaltrap
Kadcyla	Zelboraf
Kyprolis	zoledronic acid (Zometa)
Mekinist	Zolinza
mitoxantrone	Zydelig
Nexavar	Zykadia
Oncaspar	Zytiga

OSTEOARTHRITIS (OA)

OA is a common form of arthritis that causes pain, swelling and reduced motion in the joints. In knees with osteoarthritis, the joint fluid can break down and not provide the cushioning the knee needs. These medications replace damaged joint fluid of the knee to help reduce pain and improve joint function.

Euflexxa	Orthovisc
Gel-One	Supartz
Hyalgan	Synvisc/Synvisc One
Monovisc	

OSTEOPOROSIS

Osteoporosis is a disease in which the bone becomes porous and frail and increases a person's risk for fractures. These medications are typically used in patients that have failed or cannot tolerate oral osteoporosis therapies.

Forteo	zoledronic acid (Reclast)
Prolia	

PAIN MANAGEMENT

Pain management is the process in which individuals cope with acute and chronic pain. Prialt is given by intrathecal injection (injection into the spinal fluid). It is indicated for the management of severe chronic pain in patients who cannot take or do not respond to other pain therapies.

Prialt

PAROXYSMAL NOCTURNAL HEMOGLOBINURIA (PNH)

PNH is a rare acquired disorder that leads to the premature death and impaired production of blood cells. Soliris treats the premature destruction of red blood cells known as hemolysis.

Soliris

PHENYLKETONURIA (PKU)

PKU is a rare genetic disorder that results from an impaired ability to metabolize phenylalanine (Phe) leading to elevated blood Phe levels. Phe is an essential amino acid found in foods containing protein. Left untreated, high blood Phe levels from PKU can affect the brain, impair thinking and cause behavioral problems. Kuvan helps the body break down Phe to help keep blood Phe levels low.

Kuvan

PRE-TERM BIRTH

Makena is used to reduce the risk of pre-term birth in women who have a history of delivering a baby too early.

Makena

PSORIASIS

Psoriasis is a chronic, autoimmune skin disease that causes itchy or sore patches of thick, red skin with silvery scales known as plaques. Severe cases can be painful, disfiguring and disabling. These medications are typically used for patients who have failed conventional oral or topical therapies.

Enbrel	Rasuvo
Humira	Remicade
Otrexup	Stelara
Otezla	

PULMONARY ARTERIAL HYPERTENSION (PAH)

PAH is a condition that causes high blood pressure in the lungs putting a strain on the heart. There is no cure for PAH, but these medications help treat symptoms of the disease.

Adcirca	Remodulin
Adempas	sildenafil (Revatio)
epoprostenol (Flolan)	Tracleer
Letairis	Tyvaso
Opsumit	Veletri
Orenitram	Ventavis

RENAL DISORDERS

Sensipar helps regulate calcium levels and is used to treat secondary hyperparathyroidism in patients with chronic kidney disease. Sensipar is also used to treat high blood calcium levels in patients with parathyroid carcinoma.

Sensipar

RESPIRATORY SYNCYTIAL VIRUS (RSV)

RSV is a virus that may cause severe cold-like symptoms in infected patients. Patients at high risk for complications from RSV infection include infants born prematurely and those born with lung or heart disease. Synagis is used to prevent RSV infection in high risk infants.

Synagis

RETINAL DISORDERS

Retinal disorders occur when there is a deterioration of the central portion of the retina that leads to vision loss. These treatments help slow the progression of the disease.

Avastin	Macugen
Eylea	Visudyne
Lucentis	

RHEUMATOID ARTHRITIS (RA)

RA is an autoimmune disease that causes pain, swelling and stiffness in joints. If untreated, this swelling may lead to joint deformity and disability. These medications are disease-modifying agents that act on the immune system to slow the progression of RA.

Actemra	Rasuvo
Cimzia	Remicade
Enbrel	Rituxan
Humira	Simponi
Kineret	Simponi Aria
Orencia	Xeljanz
Otrexup	

SEIZURE DISORDERS

Infantile spasms (IS) and complex partial seizures (CPS) are two types of seizure disorders that are often difficult to treat. If uncontrolled, seizure disorders can cause severe problems such as injury to the body or brain, decreased quality of life and intellectual decline in children. These medications are treatment options for patients with seizure disorders.

Acthar	Sabril
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SLEEP DISORDERS

Non-24-hour sleep-wake disorder (N24SWD) is a chronic circadian rhythm disorder that occurs when sleep and wake cycles are not synchronized with the normal 24-hour cycle. This condition is most commonly found in people who are totally blind with no perception of light. People with N24SWD cannot synchronize their internal clock with the external 24-hour environment, and they often have difficulty sleeping at night and staying awake during the day. Hetlioz is indicated for the treatment of N24SWD in patients who are totally blind.

Hetlioz

SYSTEMIC LUPUS ERYTHEMATOSUS

Lupus is an autoimmune disease that affects the skin, joints, brain and other organs. Benlysta is used to treat active lupus in patients who are receiving other lupus medications.

Benlysta

UREA CYCLE DISORDERS

Carbaglu and Ravicti are used to treat high ammonia levels caused by urea cycle disorders.

Buphenyl	Ravicti
Carbaglu	

With 35 years of specialty pharmacy experience, CVS Caremark Specialty Pharmacy provides proactive quality care and service. We have a network of pharmacies which includes those with Joint Commission and URAC accreditation. The Joint Commission and URAC are nationally-recognized symbols of quality which reflects an organization's commitment to meet high standards of quality and safety.



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