

## New Indications & Dosage Forms for Existing Drugs

Drugs that have gained FDA approval for the treatment of additional diseases/conditions or new dosage forms/regimens.

### **Leqvio (inclisiran) Injection**

**New Indication Approved:** July 7, 2023

**Date of Original Approval:** December 22, 2021

Leqvio (inclisiran) is a small interfering RNA (siRNA) directed to PCSK9 (proprotein convertase subtilisin kexin type 9) mRNA used to reduce low-density lipoprotein cholesterol (LDL-C).

US FDA Approves Expanded Indication for Novartis Leqvio (inclisiran) to Include Treatment of Adults with High LDL-C and Who Are At Increased Risk of Heart Disease

### **Leqembi (lecanemab-irmb) Injection**

**Labeling Revision Approved:** July 6, 2023

**Date of Original Approval:** January 6, 2023

Leqembi (lecanemab) is an amyloid beta-directed antibody indicated for the treatment of Alzheimer's disease.

FDA Grants Traditional Approval for Leqembi (lecanemab-irmb) for the Treatment of Alzheimer's Disease

### **Liletta (levonorgestrel) Intrauterine Device**

**New Indication Approved:** June 29, 2023

**Date of Original Approval:** February 26, 2015

Liletta (levonorgestrel) is a progestin-containing intrauterine system indicated for the prevention of pregnancy for up to 8 years, and the treatment of heavy menstrual bleeding for up to 5 years in patients who choose intrauterine contraception as their method of contraception.

FDA Approves Medicines360's Supplemental New Drug Application for Liletta (levonorgestrel-releasing intrauterine system) 52 mg as Treatment of Heavy Menstrual Bleeding

### **Talzenna (talazoparib) Capsules**

**New Indication Approved:** June 20, 2023

**Date of Original Approval:** October 16, 2018

Talzenna (talazoparib) is a poly (ADP-ribose) polymerase (PARP) inhibitor used for the treatment of BRCA-mutated HER2-negative breast cancer and HRR gene-mutated metastatic castration-resistant prostate cancer.

Pfizer's Talzenna (talazoparib) in Combination with Xtandi (enzalutamide) Receives U.S. FDA Approval for HRR Gene-Mutated Metastatic Castration-Resistant Prostate Cancer

### **Blinicyto (blinatumomab) Injection**

**Labeling Revision Approved:** June 20, 2023

**Date of Original Approval:** December 3, 2014

Blinicyto (blinatumomab) is a bispecific CD19-directed CD3 T-cell engager indicated for the treatment of B-cell precursor acute lymphoblastic leukemia (ALL).

FDA Grants Full Approval for Blinicyto (blinatumomab) to Treat Minimal Residual Disease-Positive B-Cell Precursor Acute Lymphoblastic Leukemia

### **Jardiance (empagliflozin) Tablets**

**Patient Population Altered:** June 20, 2023

**Date of Original Approval:** August 1, 2014

Jardiance (empagliflozin) is a sodium glucose co-transporter-2 (SGLT2) inhibitor used for the treatment of type 2 diabetes; and to reduce the risk of cardiovascular death in patients with heart failure, and type 2 diabetes patients with established cardiovascular disease.

FDA Approves Jardiance (empagliflozin) for the Treatment of Type 2 Diabetes in Children 10 Years and Older

### **Synjardy (empagliflozin and metformin) Tablets**

**Patient Population Altered:** June 20, 2023

**Date of Original Approval:** August 26, 2015

Synjardy (empagliflozin and metformin hydrochloride) is a sodium glucose co-transporter-2 (SGLT2) inhibitor and biguanide combination for the treatment of type 2 diabetes.

FDA Approves New Class of Medicines to Treat Pediatric Type 2 Diabetes

### **Bylvay (odevixibat) Capsules**

**New Indication Approved:** June 13, 2023

**Date of Original Approval:** July 20, 2021

Bylvay (odevixibat) is an ileal bile acid transport (IBAT) inhibitor for the treatment of progressive familial intrahepatic cholestasis and cholestatic pruritus due to Alagille syndrome.

FDA Approves Bylvay for Patients Living with Cholestatic Pruritus Due to Alagille Syndrome

### **Linzess (linaclotide) Capsules**

**Patient Population Altered:** June 12, 2023

**Date of Original Approval:** August 30, 2012

Linzess (linaclotide) is a guanylate cyclase-C agonist used for the treatment of irritable bowel syndrome with constipation (IBS-C) and chronic idiopathic constipation (CIC) in adults, and functional

constipation (FC) in pediatric patients 6 to 17 years of age.

Ironwood Pharmaceuticals Announces FDA Approval of New Indication for Linzess (linaclotide) for the Treatment of Functional Constipation in Pediatric Patients Ages 6-17 Years-Old

**Prevymis (letermovir) Tablets and Injection**

**New Indication Approved:** June 5, 2023

**Date of Original Approval:** November 8, 2017

Prevymis (letermovir) is a CMV DNA terminase complex inhibitor used for the prophylaxis of cytomegalovirus (CMV) infection.

U.S. FDA Approves New Indication for Merck's Prevymis (letermovir) for Prevention of Cytomegalovirus (CMV) Disease in High-Risk Adult Kidney Transplant Recipients

**Lynparza (olaparib) Tablets**

**New Indication Approved:** May 31, 2023

**Date of Original Approval:** December 19, 2014

Lynparza (olaparib) is a poly ADP ribose polymerase (PARP) inhibitor for the treatment of ovarian cancer, breast cancer, pancreatic cancer, and prostate cancer.

FDA Approves Lynparza (olaparib) Plus Abiraterone and Prednisone or Prednisolone for Treatment of Adult Patients With BRCA-Mutated Metastatic Castration-Resistant Prostate Cancer (mCRPC)

**Injectafer (ferric carboxymaltose) Injection**

**New Indication Approved:** May 31, 2023

**Date of Original Approval:** July 25, 2013

Injectafer (ferric carboxymaltose) is an iron replacement product for the treatment of iron deficiency anemia.

Injectafer Approved in the U.S. for the Treatment of Iron Deficiency in Adult Patients with Heart Failure

**Ayvakit (avapritinib) Tablets**

**New Indication Approved:** May 19, 2023

**Date of Original Approval:** January 9, 2020

Ayvakit (avapritinib) is a tyrosine kinase inhibitor for use in the treatment of gastrointestinal stromal tumors, advanced systemic mastocytosis, and indolent systemic mastocytosis.

FDA Approves Ayvakit (avapritinib) as the First and Only Treatment for Indolent Systemic Mastocytosis

**Rinvoq (upadacitinib) Extended-Release Tablets**

**New Indication Approved:** May 18, 2023

**Date of Original Approval:** August 16, 2019

Rinvoq (upadacitinib) is a Janus kinase (JAK) inhibitor for the treatment of rheumatoid arthritis, psoriatic arthritis, atopic dermatitis, ulcerative colitis, Crohn's disease, ankylosing spondylitis, and non-radiographic axial spondyloarthritis.

U.S. FDA Approves Rinvoq (upadacitinib) as a Once-Daily Pill for Moderately to Severely Active Crohn's Disease in Adults

**Cyltezo (adalimumab-adbm) Injection**

**New Dosage Form Approved:** May 18, 2023

**Date of Original Approval:** August 25, 2017

Cyltezo (adalimumab-adbm) is an anti-TNF- $\alpha$  monoclonal antibody biosimilar to Humira, approved for the treatment of rheumatoid arthritis, juvenile idiopathic arthritis, psoriatic arthritis, ankylosing spondylitis, Crohn's disease, ulcerative colitis, plaque psoriasis, and hidradenitis suppurativa.

US FDA Approves the Cyltezo Pen, a New Autoinjector Option, Ahead of July 1 Commercial Launch

**Caldolor (ibuprofen) Intravenous Injection**

**Patient Population Altered:** May 11, 2023

**Date of Original Approval:** June 11, 2009

Caldolor (ibuprofen) is an intravenous formulation of the approved nonsteroidal anti-inflammatory drug ibuprofen for use in the treatment of pain and fever.

Caldolor Now FDA Approved for Treatment of Fever & Pain in Infants

**Rexulti (brexpiprazole) Tablets**

**New Indication Approved:** May 10, 2023

**Date of Original Approval:** July 10, 2015

Rexulti (brexpiprazole) is an atypical antipsychotic for use in the treatment of major depressive disorder (MDD), schizophrenia, and agitation associated with dementia due to Alzheimer's disease.

Otsuka and Lundbeck Announce U.S. FDA Approval of Supplemental New Drug Application (sNDA) for Rexulti (brexpiprazole) for the Treatment of Agitation Associated with Dementia Due to Alzheimer's Disease

**Farxiga (dapagliflozin) Tablets**

**New Indication Approved:** May 8, 2023

**Date of Original Approval:** January 8, 2014

Farxiga (dapagliflozin) is a sodium-glucose cotransporter 2 (SGLT2) inhibitor for use in the treatment of type 2 diabetes mellitus, heart failure, and chronic kidney disease.

Farxiga Extended in the US to Reduce Risk of Cardiovascular Death and Hospitalisation for Heart Failure to a Broader Range of Patients

**Sogroya (somapacitan-beco) Injection**

**Patient Population Altered:** April 28, 2023

**Date of Original Approval:** August 28, 2020

Sogroya (somapacitan-beco) is a human growth hormone analog indicated for the replacement of endogenous growth hormone in adults with growth hormone deficiency.

FDA Approves Once-Weekly Sogroya for the Treatment of Children Living with Growth Hormone Deficiency

**Prevnar 20 (pneumococcal 20-valent conjugate vaccine) Injection**

**Patient Population Altered:** April 27, 2023

**Date of Original Approval:** June 8, 2021

Prevnar 20 (pneumococcal 20-valent conjugate vaccine) is a vaccine used for the prevention of invasive pneumococcal disease and otitis media.

U.S. FDA Approves Prevnar 20, Pfizer's 20-Valent Pneumococcal Conjugate Vaccine for Infants and Children

**Trikafta (elxacaftor/tezacaftor/ivacaftor and ivacaftor) Tablets and Oral Granules**

**Patient Population Altered:** April 26, 2023

**Date of Original Approval:** October 21, 2019

Trikafta (elxacaftor/tezacaftor/ivacaftor and ivacaftor) is a triple combination regimen for the treatment of cystic fibrosis (CF) in patients ages 2 years and older who have at least one F508del mutation in the cystic fibrosis transmembrane conductance regulator (CFTR) gene or a mutation in the CFTR gene that is responsive to Trikafta based on in vitro data.

Vertex Announces U.S. FDA Approval for Trikafta (elxacaftor/tezacaftor/ivacaftor and ivacaftor) in Children With Cystic Fibrosis Ages 2 Through 5 With Certain Mutations

**Hizentra (immune globulin subcutaneous (human)) Liquid**

**New Formulation Approved:** April 18, 2023

**Date of Original Approval:** March 4, 2010

Hizentra (immune globulin subcutaneous (human)) is an immune globulin indicated for the treatment of primary immunodeficiency, and for the maintenance treatment of chronic inflammatory demyelinating polyneuropathy.

CSL Behring Receives FDA Approval for Hizentra (Immune Globulin Subcutaneous [Human] 20% Liquid) 50mL Prefilled Syringe

**Qulipta (atogepant) Tablets**

**New Indication Approved:** April 17, 2023

**Date of Original Approval:** September 28, 2021

Qulipta (atogepant) is an oral, calcitonin gene-related peptide (CGRP) receptor antagonist approved to prevent episodic and chronic migraine.

U.S. FDA Approves Qulipta (atogepant) for Adults With Chronic Migraine

**Tepezza (teprotumumab-trbw) Injection**

**Labeling Revision Approved:** April 13, 2023

**Date of Original Approval:** January 21, 2020

Tepezza (teprotumumab-trbw) is a fully human monoclonal antibody (mAb) and a targeted inhibitor of the insulin-like growth factor 1 receptor (IGF-1R) for the treatment of active thyroid eye disease (TED). Horizon Therapeutics plc Announces FDA Approval of an Update to the Indication Language for Tepezza (teprotumumab-trbw) to Specify its Use in Thyroid Eye Disease (TED) Patients Regardless of Disease Activity or Duration

**Hyqvia (immune globulin and hyaluronidase) Solution for Subcutaneous Administration**

**Patient Population Altered:** April 7, 2023

**Date of Original Approval:** September 12, 2014

Hyqvia (immune globulin and hyaluronidase) is an immune globulin with a recombinant human hyaluronidase indicated for the treatment of primary immunodeficiency (PI) in adults and pediatric patients two years of age and older.

Takeda Receives FDA Approval to Expand the Use of Hyqvia to Treat Primary Immunodeficiency in Children

**Keytruda (pembrolizumab) for Injection**

**New Indication Approved:** April 3, 2023

**Date of Original Approval:** September 4, 2014

Keytruda (pembrolizumab) is a human PD-1 (programmed death receptor-1)-blocking antibody indicated for the treatment of melanoma, non-small cell lung cancer, head and neck squamous cell carcinoma, classical Hodgkin lymphoma, primary mediastinal large B-cell lymphoma, urothelial carcinoma, microsatellite instability-high (MSI-H) or mismatch repair deficient (dMMR) cancer, microsatellite instability-high or mismatch repair deficient colorectal cancer, gastric cancer, esophageal cancer, cervical cancer, hepatocellular carcinoma, Merkel cell carcinoma, renal cell carcinoma, endometrial carcinoma, tumor mutational burden-high (TMB-H) cancer, cutaneous squamous cell carcinoma, and triple-negative breast cancer.

FDA Approves Merck's Keytruda (pembrolizumab) in Combination With Padcev (enfortumab vedotin-ejfv) for First-Line Treatment of Certain Patients With Locally Advanced or Metastatic Urothelial Cancer

**Narcan (naloxone) Nasal Spray**

**Labeling Revision Approved:** March 29, 2023

**Date of Original Approval:** November 18, 2015

Narcan Nasal Spray (naloxone) is an intranasal opioid antagonist formulation indicated for the emergency treatment of known or suspected opioid overdose.

U.S. FDA Approves Over-the-Counter Designation for Emergent BioSolutions' Narcan Nasal Spray, a Historic Milestone for the Opioid Overdose Emergency Treatment

**Keytruda (pembrolizumab) for Injection**

**Labeling Revision Approved:** March 28, 2023

**Date of Original Approval:** September 4, 2014

Keytruda (pembrolizumab) is a human PD-1 (programmed death receptor-1)-blocking antibody indicated for the treatment of melanoma, non-small cell lung cancer, head and neck squamous cell carcinoma, classical Hodgkin lymphoma, primary mediastinal large B-cell lymphoma, urothelial carcinoma, microsatellite instability-high (MSI-H) or mismatch repair deficient (dMMR) cancer, microsatellite instability-high or mismatch repair deficient colorectal cancer, gastric cancer, esophageal cancer, cervical cancer, hepatocellular carcinoma, Merkel cell carcinoma, renal cell carcinoma, endometrial carcinoma, tumor mutational burden-high (TMB-H) cancer, cutaneous squamous cell carcinoma, and triple-negative breast cancer.

FDA Converts to Full Approval Indication for Keytruda (pembrolizumab) for Certain Adult and Pediatric Patients With Advanced Microsatellite Instability-High (MSI-H) or Mismatch Repair Deficient (dMMR) Solid Tumors

**Evkeeza (evinacumab-dgnb) Injection**

**Patient Population Altered:** March 21, 2023

**Date of Original Approval:** February 11, 2021

Evkeeza (evinacumab-dgnb) is an angiopoietin-like 3 (ANGPTL3) inhibitor indicated as an adjunct to other low-density lipoprotein-cholesterol (LDL-C) lowering therapies for the treatment of adult and pediatric patients, aged 5 years and older, with homozygous familial hypercholesterolemia (HoFH).

FDA Approves First-in-class Evkeeza (evinacumab-dgnb) for Young Children with Ultra-Rare Form of High Cholesterol

**Hyrimoz (adalimumab-adaz) Injection**

**New Formulation Approved:** March 20, 2023

**Date of Original Approval:** October 30, 2018

Hyrimoz (adalimumab-adaz) is an anti-TNF- $\alpha$  monoclonal antibody biosimilar to Humira, approved for the treatment of rheumatoid arthritis, juvenile idiopathic arthritis, psoriatic arthritis, ankylosing spondylitis, Crohn's disease, ulcerative colitis, plaque psoriasis, and hidradenitis suppurativa.

Sandoz Receives US FDA Approval for Biosimilar Hyrimoz (adalimumab-adaz) High-Concentration Formulation

**Tafinlar (dabrafenib) Capsules and Tablets for Oral Suspension**

**New Indication Approved:** March 16, 2023

**Date of Original Approval:** May 29, 2013

Tafinlar (dabrafenib) is a kinase inhibitor for the treatment of melanoma, non-small cell lung cancer, thyroid cancer, solid tumors, and low-grade glioma with BRAF V600 mutations.

Novartis Tafinlar + Mekinist Approved by FDA for Pediatric Patients with BRAF V600E Low-Grade Glioma

**Illucix (gallium Ga 68 gozetotide) Injection Kit**

**Patient Population Altered:** March 15, 2023

**Date of Original Approval:** December 17, 2021

Illucix (gallium Ga 68 gozetotide) is a radioactive diagnostic agent indicated for positron emission tomography (PET) of prostate-specific membrane antigen (PSMA) positive lesions in men with prostate cancer.

FDA Approves Expanded Indication for Telix's Illucix to Include Patient Selection for PSMA-Directed Radioligand Therapy

**Verzenio (abemaciclib) Tablets**

**New Indication Approved:** March 3, 2023

**Date of Original Approval:** September 28, 2017

Verzenio (abemaciclib) is a selective ATP-competitive inhibitor of cyclin dependent kinases (CDK) 4 and 6 used for the treatment of patients with hormone receptor-positive, human epidermal growth factor receptor 2 negative (HR+ HER2-) metastatic breast cancer.

FDA Broadens Indication for Verzenio (abemaciclib) in HR+, HER2-, Node-Positive, High Risk Early Breast Cancer

**Kevzara (sarilumab) Injection**

**New Indication Approved:** February 28, 2023

**Date of Original Approval:** May 22, 2017

Kevzara (sarilumab) is an interleukin-6 (IL-6) receptor antagonist for the treatment of rheumatoid arthritis and polymyalgia rheumatica.

Kevzara (sarilumab) Approved by FDA as First and Only Biologic Indicated for Patients with Polymyalgia Rheumatica

**Austedo XR (deutetrabenazine) Extended-Release Tablets**

**New Formulation Approved:** February 17, 2023

**Date of Original Approval:** February 17, 2023

Austedo XR (deutetrabenazine) is a vesicular monoamine transporter 2 (VMAT2) inhibitor indicated in adults for the treatment of tardive dyskinesia, and chorea associated with Huntington's disease.

Teva Announces FDA Approval of Austedo XR (deutetrabenazine) Extended-Release Tablets, a New Once-Daily Formulation of Austedo

**Jemperli (dostarlimab-gxly) Injection**

**Labeling Revision Approved:** February 9, 2023  
**Date of Original Approval:** April 22, 2021

Jemperli (dostarlimab-gxly) is a programmed death receptor-1 (PD-1)-blocking antibody for the treatment of mismatch repair deficient (dMMR) endometrial cancer, and dMMR solid tumors.

US FDA Grants Regular Approval for Jemperli for the Treatment of Patients with Recurrent or Advanced Mismatch Repair-Deficient Endometrial Cancer

**Cibinqo (abrocitinib) Tablets**

**Patient Population Altered:** February 9, 2023  
**Date of Original Approval:** January 14, 2022

Cibinqo (abrocitinib) is a Janus kinase (JAK) 1 inhibitor for the treatment of moderate-to-severe atopic dermatitis.

FDA Approves Pfizer's Supplemental New Drug Application for Cibinqo (abrocitinib) to Include Adolescents with Moderate-to-Severe Atopic Dermatitis

**Eylea (aflibercept) Injection**

**New Indication Approved:** February 8, 2023  
**Date of Original Approval:** November 18, 2011

Eylea (aflibercept) is a VEGF inhibitor indicated for the treatment of patients with neovascular (wet) age-related macular degeneration, macular edema following retinal vein occlusion, diabetic macular edema, diabetic retinopathy, and retinopathy of prematurity.

Eylea (aflibercept) Injection Approved as the First Pharmacologic Treatment for Preterm Infants with Retinopathy of Prematurity (ROP) by the FDA

**Trodelvy (sacituzumab govitecan-hziy) Injection**

**New Indication Approved:** February 3, 2023  
**Date of Original Approval:** April 22, 2020

Trodelvy (sacituzumab govitecan-hziy) is a Trop-2-directed antibody and topoisomerase inhibitor conjugate used for the treatment of breast cancer and urothelial cancer.

U.S. FDA Approves Trodelvy in Pre-treated HR+/HER2- Metastatic Breast Cancer

**Takhzyro (lanadelumab-flyo) Injection**

**Patient Population Altered:** February 3, 2023  
**Date of Original Approval:** August 23, 2018

Takhzyro (lanadelumab-flyo) is a plasma kallikrein inhibitor (monoclonal antibody) for the prevention of angioedema attacks in patients with hereditary angioedema.

U.S. FDA Approves Takeda's Takhzyro (lanadelumab-flyo) to Prevent Hereditary Angioedema (HAE) Attacks in Children 2 Years of Age and Older

**Tezspire (tezepelumab-ekko) Injection**

**New Dosage Regimen:** February 1, 2023  
**Date of Original Approval:** December 17, 2021

Tezspire (tezepelumab-ekko) is a thymic stromal lymphopoietin (TSLP) blocker, human monoclonal antibody (IgG2λ), indicated for the add-on maintenance treatment of adult and pediatric patients aged 12 years and older with severe asthma.

Tezspire Approved for Self-Administration in the U.S. With a New Pre-filled Pen

References: [www.drugs.com/new-indications](http://www.drugs.com/new-indications)

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