MEDICATION COVERAGE POLICY Health Plan Mountain Valley of San Joaquin Health Plan





PHARMACY AND THERAPEUTICS ADVISORY COMMITTEE

POLICY:	Pulmonary Hypertension	P&T DATE:	1/12/2024
CLASS:	Respiratory Disorders	REVIEW	12/22, 12/21, 9/20, 5/19,
LOB:	MCL	HISTORY:	5/18, 12/16, 11/15, 5/13
LOD:	MGD	(month/year)	

This policy has been developed through review of medical literature, consideration of medical necessity, generally accepted medical practice standards, and approved by the HPSJ/MVHP Pharmacy and Therapeutic Advisory Committee.

Effective 1/1/2022, the Pharmacy Benefit is regulated by Medi-Cal Rx. Please visit https://medicalrx.dhcs.ca.gov/home/ for portal access, formulary details, pharmacy network information, and updates to the pharmacy benefit.

All medical claims require that an NDC is also submitted with the claim. If a physician administered medication has a specific assigned CPT code, that code must be billed with the correlating NDC. If there is not a specific CPT code available for a physician administered medication, the use of unclassified CPT codes is appropriate when billed with the correlating NDC.

OVERVIEW

The purpose of this coverage policy is to review the available agents (Table 1) and distinguish where the medications may be billed to. For agents listed for coverage under the medical benefit, this coverage is specific to outpatient coverage only (excludes emergency room and inpatient coverage).

Table 1: Available Pulmonary Hypertension Agents (Current as of 05/2023)

CPT code	Generic Name (Brand Name)	Available Strengths	Pharmacy Benefit	Outpatient Medical Benefit (Restrictions)	
	Calcium Channel Blockers (CCB)				
Dihydropyridine:					
	Amlodipine (Norvasc) Dose range for PAH: 20 – 30 mg qd	Tablets: 2.5 mg, 5 mg, 10 mg	Yes	No	
	Nifedipine (Adalat CC, Afeditab CR, Nifediac CC, Nifedical XL, Procardia XL) Dose range for PAH: 180 – 240 mg qd	IR capsules: 10 mg, 20 mg 24 Hour ER Tablets: 30 mg, 60 mg, 90 mg XL Tablets: 30 mg, 60 mg, 90 mg	Yes	No	
Non-Dihydropyridine:					

J3285 for SQ or IV use	Treprostinil (Orenitram; Remodulin; Tyvaso)	Remodulin (IV or SQ): 1 mg/mL, 2.5 mg/mL, 5 mg/mL, 10 mg/mL Orenitram ER tablets: 0.125mg, 0.25 mg, 1 mg, 2.5mg, 5 mg Tyvaso Inhalation: Starter Kit (includes nebulizer). Refill Kit	Yes	Yes, for IV/SQ only (PA)
	Riociguat (Adempas)	Tablets: 0.5 mg, 1 mg, 1.5 mg, 2 mg, 2.5 mg	Yes	No
	Selexipag (Uptravi)	Tablets: 200 mcg, 400 mcg, 600 mcg, 800 mcg, 1,000 mcg, 1,200 mcg, 1,600 mcg, 200 mcg- 800mcg Therapy Pack Solution (reconstituted):1800 mcg (per each)	Yes	Yes, for IV only (PA)

EVALUATION CRITERIA FOR APPROVAL/EXCEPTION CONSIDERATION

Below are the coverage criteria and required information for agents with medical benefit restrictions. This coverage criteria has been reviewed and approved by the HPSJ/MVHP Pharmacy & Therapeutics (P&T) Advisory Committee. For agents that do not have established prior authorization criteria, HPSJ/MVHP will make the determination based on Medical Necessity criteria as described in HPSJ/MVHP Medical Review Guidelines (UM06).

Basic Criteria: [1] Prescribed by a Cardiologist, Pulmonologist, or Critical care

- [2] Diagnosis of Pulmonary Arterial Hypertension, WHO GROUP I
- [3] WHO Functional Class (WHO FC) II-IV
- [4] Right Heart Catheterization with Vasoreactivity test

Phosphodiesterase-5 Inhibitors (PDE-5i): Sildenafil, Tadalafil

Sildenafil (Revatio) IV

- □ **Coverage Criteria:** Reserved for patients with IPAH WHO FC II-IV with: (-) vasoreactivity test **OR** (+) vasoreactivity test and dose optimized CCB for 3 months.
- □ Limits: None

	Required Information for Approval: Basic criteria as listed above plus all of the following:				
	clinical documentation of inadequate response to dose optimized CCB for 3 months				
	evidenced by worsening of symptoms (i.e. decline in 6MWD) and pharmacy fill history.				
Droct	anoids: Epoprostenol, Iloprost, Tresprostinil				
	ostenol (Flolan, Veletri), Iloprost (Ventavis), Treprostinil (Orenitram ,Remodulin)				
	Coverage Criteria: [1] WHO FC IV OR [2] Inadequate response to dose optimized PDE-5i				
	and ERA for 3 months for (-) vasoreactive patients OR [3] Inadequate response to dose optimized CCB plus PDE-5i AND ERA for 3 months for (+) vasoreactivity test OR [4] Patients				
	with clinical evidence of Right Ventricle (RV) failure or moderate to rapid rate of				
	progression of symptoms/disease				
П	Limits: None				
	Required Information for Approval: Basic criteria as listed above, clinical documentation				
	of inadequate response evidenced by worsening of symptoms (i.e. decline in 6MWD), and				
	pharmacy fill history or clinical evidence of Right Ventricle (RV) failure or moderate to rapid				
	rate of progression of symptoms/disease				
	Non-Formulary: Orenitram ER tablets				
Trepro	ostinil Inhalation (Tyvaso)				
ı d	Coverage Criteria: WHO FC III AND one of the following: [1] Inadequate response to dose				
	optimized PDE-5i and ERA for 3 months for (-) vasoreactive patients OR [2] Inadequate				
	response to dose optimized CCB plus PDE-5i AND ERA for 3 months for (+) vasoreactive				
	patients OR [3] Contraindication to PDE-5i, Riociguat and ERA				
	Limits: None				
	Required Information for Approval: Basic criteria as listed above, clinical documentation				
	of inadequate response evidenced by worsening of symptoms (i.e. decline in 6MWD), and				
	pharmacy fill history +/- documentation of the nature of contraindication				
Prost	acyclin IP Receptor Agonist: Selexipag (Uptravi)				
	pag (Uptravi)				
	Coverage Criteria: WHO FC III to IV AND one of the following: [1] Inadequate response to				
	dose optimized PDE-5i and ERA for 3 months for (-) vasoreactive patients OR [2]				
	Inadequate response to dose optimized CCB plus PDE-5i AND ERA for 3 months for (+)				
	vasoreactivity test OR [3] Contraindication to PDE-5i, Riociguat and ERA.				
	Limits: None				
	Required Information for Approval: Basic criteria plus specific coverage criteria clinical				
	documentation of inadequate response evidenced by worsening of symptoms (i.e. decline in				
	6MWD), and pharmacy fill history +/- documentation of the nature of contraindication.				

Clinical Justification:

Diagnosis of Pulmonary Hypertension requires Right Heart Catheterization (RHC)⁵. Following the current Pulmonary Arteriole Hypertension recommendation, HPSJ/MVHP formulary has set RHC and vasoreactivity test as a part of the requirements and restricts medications based on clinical evidence. Calcium channel blockers are the preferred agent in patients who can tolerate them, and who have shown good response during right heart catheterization, unless contraindicated. Drugs are restricted based on WHO Functional Class and patient's prior use of PAH medications. ERAs are not benign drugs. They are teratogenic, can potentially cause LFT elevations in patients who take them chronically, and can cause fluid retention. Sildenafil is widely available and relatively benign, thus carries few restrictions, while intravenous prostanoids carry significant risk, and should not be used unless all other therapeutic

agents have been exhausted. Although 2019 Chest Guideline suggests Ambrisentan and Tadalafil as an initial therapy for WHO FC II and II, weak recommendation resulting from borderline clinically significant improvement in 6MWD, no change in WHO FC, variabilities of end points in clinical trial and studies, and the fact that the guideline does not prefer one regimen over the other in this treatment group, HPSJ/MVHP has decided not to modify current PAH coverage criteria.

Triage:

- Appropriate diagnosis: WHO Group I, and WHO Functional Class II-IV
- Right Heart Catheterization (RHC) with vasoreactivity test
- Provider Specialty- cardiologist, pulmonologist, or critical care provider
- Current Pulmonary Hypertension drugs

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REVIEW & EDIT HISTORY

Document Changes	Reference	Date	P&T Chairman
Creation of Policy	PAH Class Review 5-21-2013.docx	5/2013	Jonathan Szkotak, PharmD BCACP
Update Policy	Drug Class Review – Respiratory disorders – Pulmonary Hypertension 2015-11.docx	11/2015	Johnathan Yeh, PharmD
Update Policy	HPSJ Coverage Policy – Respiratory disorders – Pulmonary Hypertension 201612.docx	12/2016	Johnathan Yeh, PharmD
Update Policy	HPSJ Coverage Policy – Respiratory disorders – Pulmonary Hypertension 201805.docx	5/2018	Johnathan Yeh, PharmD
Update Policy	HPSJ Coverage Policy – Respiratory disorders – Pulmonary Hypertension 201905.docx	5/2019	Matthew Garrett, PharmD
Review of Policy	Pulmonary Hypertension	9/2020	Matthew Garrett, PharmD
Review of Policy	Pulmonary Hypertension	12/2021	Matthew Garrett, PharmD
Review of Policy	Pulmonary Hypertension	12/2022	Matthew Garrett, PharmD
Review of Policy	Pulmonary Hypertension	01/2024	Matthew Garrett, PharmD

 $Note:\ All\ changes\ are\ approved\ by\ the\ HPSJ/MVHP\ P\&T\ Committee\ before\ incorporation\ into\ the\ utilization\ policy$