



## Pharmacologic Agents for Treatment of COPD

### SCAN Formulary Drugs

Medication	Dosing & Administration	2023 Formulary Status		2024 Formulary Status		Adverse Drug Reactions
		Tier	UM	Tier	UM	
<b>Long-Acting Inhaled Beta Agonists (Maintenance)</b>						
BEVESPI AEROSPHERE (glycopyrrolate / formoterol)	2 puffs BID	3		3		UTI, cough, hypertension
SEREVENT DISKUS (salmeterol)	1 puff BID	3		3		Headache, pain, throat irritation, nasal congestion, bronchitis
STRIVERDI RESPIMAT (olodaterol)	2 puffs daily	3		3		Nasopharyngitis, URTI, bronchitis, UTI, cough, dizziness, rash, diarrhea, back pain, arthralgia
<b>Short-Acting Inhaled Beta Agonists (Rescue)</b>						
albuterol hfa (8.5g and 6.7g) inhalers	2 puffs q4-6h prn	2	[QL]	2	[QL]	Insomnia, nervousness, tremors, headache, chest discomfort
LEVALBUTEROL TARTRATE HFA	2 puffs q4-6h prn	NF		4		Vomiting, acute asthma, dizziness, bronchitis, pharyngitis, rhinitis
PROAIR RESPICLICK (albuterol)	2 puffs q4-6h prn	3		3		Back pain, pain, gastroenteritis viral, sinus headache, UTI
<b>Inhaled Anticholinergics (Maintenance)</b>						
ATROVENT HFA (ipratropium)	2-3 puffs QID 2 puffs QID	3	[QL]	3	[QL]	Upper respiratory tract infection (URTI), bronchitis, sinusitis, headache, dyspnea, rhinitis
SPIRIVA HANDIHALER (tiotropium)	1 cap (inhalation) QD	3		3		UTRI, dry mouth, sinusitis, abdominal pain, pharyngitis, headache

Medication	Dosing & Administration	2023 Formulary Status		2024 Formulary Status		Adverse Drug Reactions
		Tier	UM	Tier	UM	
SPIRIVA RESPIMAT (tiotropium)	2 puffs QD	3		3		Pharyngitis, cough, dry mouth, sinusitis
<b>Combination Inhalers (Maintenance)</b>						
ANORO ELLIPTA (umeclidinium / vilanterol)	1 puff daily	3		3		Pharyngitis, sinusitis, lower respiratory tract infection, constipation, diarrhea, pain in extremity, muscle spasms, neck pain, chest pain
BREO ELLIPTA (fluticasone furoate / vilanterol)	1 puff daily	3		3		Nasopharyngitis, upper respiratory tract infection, headache, oral candidiasis
BREZTRI AEROSPHERE (budesonide / formoterol fumarate / glycopyrrolate)	2 puffs BID	NF		3		Oropharyngeal candidiasis, backache, muscle spasms, cough pneumonia, sinusitis, URTI
COMBIVENT RESPIMAT (albuterol / ipratropium)	1 puff QID	3		3		Bronchitis, URTI, cough, dyspnea, headache, nausea, flu syndrome
fluticasone propionate / salmeterol diskus	1 puff BID	2		2		Headache, URTI, pharyngitis, bronchitis, sinusitis, nausea/ vomiting
TRELEGY ELLIPTA (fluticasone furoate / umeclidinium bromide / vilanterol trifenate)	100 / 62.5 / 25 mcg 1 puff daily	3		3		Headache, diarrhea, backache, urinary tract infectious disease, respiratory tract infection
wixela inhub (salmeterol / fluticasone)	1 puff BID	2		2		Headache, URTI, pharyngitis, bronchitis, sinusitis, nausea/ vomiting

Medication	Dosing & Administration	2023 Formulary Status		2024 Formulary Status		Adverse Drug Reactions
		Tier	UM	Tier	UM	
<b>Oral Sympathomimetic Bronchodilators (Maintenance)</b>						
<i>albuterol sulfate er oral</i>	8 mg PO q12h	3		3		Insomnia, nervousness, tremors, nausea, hypokalemia
<i>albuterol sulfate tabs</i>	2 to 4 mg PO TID to QID	3		4		Insomnia, nervousness, tremors, nausea, hypokalemia
<i>terbutaline sulfate oral</i>	5 mg PO TID	2		3		Nervousness, restlessness, tachycardia, trembling, hyperglycemia, cardiac arrhythmias
<b>Oral Corticosteroids (Maintenance)</b>						
<i>methylprednisolone oral</i>	Patient specific	2		2		GI upset, muscle weakness, hyperglycemia, hypertension
<i>prednisolone oral soln</i>	Patient specific	2		2		GI upset, muscle weakness, hyperglycemia, hypertension
<i>prednisone tabs</i>	Patient specific	1		1		GI upset, muscle weakness, hyperglycemia, hypertension
<b>Phosphodiesterase Inhibitors, Airways Disease (Maintenance)</b>						
<i>roflumilast</i>	500mcg PO daily	3		3		Headache, dizziness, insomnia, diarrhea, weight loss, appetite decreased, nausea, back pain
<i>theophylline cr &amp; er</i>	300-600 mg/day	2		2		Nausea, vomiting, headache, insomnia, seizures, tachycardia

Brand-name drugs are capitalized and generic drugs are listed in the lower-case italics.

[QL] = Quantity Limit

**Drug Reference:**

1. Online Lexicomp (9/2023): 1100 Terex Road, Hudson, OH 44236
2. Global Strategy for the Diagnosis, Management and Prevention of COPD, Global Initiative for Chronic Obstructive Lung Disease (GOLD) 2023. Available from: <http://goldcopd.org>