



Pharmacologic Agents for Treatment of COPD

SCAN Formulary Drugs

Medication	Dosing & Administration	2020 Formulary Status		2021 Formulary Status		Adverse Drug Reactions
		Tier	UM	Tier	UM	
Long-Acting Inhaled Beta Agonists (Maintenance)						
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
Short-Acting Inhaled Beta Agonists (Rescue)						
<i>albuterol hfa (8.5g and 6.7g) inhalers</i>	2 puffs q4-6h prn	3		2	[QL]	Insomnia, nervousness, tremors, headache, chest discomfort
PROAIR RESPICLICK (albuterol)	2 puffs q4-6h prn	3		3		Back pain, pain, gastroenteritis viral, sinus headache, UTI
Inhaled Anticholinergics (Maintenance)						
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
SPIRIVA RESPIMAT (tiotropium)	2 puffs QD	3		3		Pharyngitis, cough, dry mouth, sinusitis



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Inhaled Corticosteroids (Maintenance)						
ASMANEX HFA (mometasone)	2 puffs BID	3		3		Nasopharyngitis, headache, sinusitis, bronchitis, influenza
ASMANEX TWISTHALER (mometasone)	1 to 2 puffs daily to BID	3		3		Headache, allergic rhinitis, pharyngitis, URTI, sinusitis, oral candidiasis, dysmenorrhea, pain, dyspepsia
QVAR REDHALER (beclomethasone)	40 to 80 mcg daily	3		3		Headache, pain, dysmenorrhea, pharyngitis, rhinitis, URTI
Combination Inhalers (Maintenance)						
ADVAIR HFA (salmeterol/fluticasone)	2 puffs BID	3		3		Headache, URTI, pharyngitis, bronchitis, sinusitis, nausea/ vomiting
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
COMBIVENT RESPIMAT (albuterol/ipratropium)	1 puff QID	3		3		Bronchitis, URTI, cough, dyspnea, headache, nausea, flu syndrome
DULERA (mometasone furoate/ formoterol fumarate)	2 puffs BID	3		3		Headache, nasopharyngitis, voice disorder, sinusitis
<i>fluticasone propionate/salmeterol diskus</i>	1 puff BID	3		3		Headache, URTI, pharyngitis, bronchitis, sinusitis, nausea/ vomiting
<i>wixela inhub</i> (salmeterol/fluticasone)	1 puff BID	3		3		Headache, URTI, pharyngitis, bronchitis, sinusitis, nausea/ vomiting



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		Tier	UM	Tier	UM	
Oral Sympathomimetic Bronchodilators (Maintenance)						
<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		3		Insomnia, nervousness, tremors, nausea, hypokalemia
<i>terbutaline sulfate oral</i>	5 mg PO TID	2		2		Nervousness, restlessness, tachycardia, trembling, hyperglycemia, cardiac arrhythmias
Oral Corticosteroids (Maintenance)						
<i>methylprednisolone oral</i>	Patient specific	2		2	[PA] [B vs D]	GI upset, muscle weakness, hyperglycemia, hypertension
<i>prednisolone oral soln</i>	Patient specific	2		2	[PA] [B vs D]	GI upset, muscle weakness, hyperglycemia, hypertension
<i>prednisone tabs</i>	Patient specific	1		1	[PA] [B vs D]	GI upset, muscle weakness, hyperglycemia, hypertension
Phosphodiesterase Inhibitors, Airways Disease (Maintenance)						
DALIRESP (roflumilast)	500mcg PO daily	3		3		Headache, dizziness, insomnia, diarrhea, weight loss, appetite decreased, nausea, back pain
<i>theophylline cr & 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 (8/2020): 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) 2020. Available from: <http://goldcopd.org>