

## Respiratory Products

The following are formulary agents: albuterol, arformoterol, budesonide, and ipratropium nebs.

Other products will be substituted as below:



Orders for metered dose inhalers will be converted to nebulized agents as described below for acute care patients. Inhalers may be used on HB-SNF.

Albuterol and albuterol/ipratropium inhalers are the only inhalers on formulary for acute care patients and are **restricted to ventilated patients**.

All **short-acting beta agonist** products will be converted to albuterol 2.5mg nebs q6h, with the exception of levalbuterol (Xopenex) as described below. Levalbuterol is **restricted** to DNS orders from **Pulmonary service**.

All inhaled **long-acting beta agonist** products will be converted to arformoterol (Brovana) nebs 15mcg BID.

All inhaled **steroid** products will be converted to budesonide (Pulmicort) nebs 0.5mg BID.

All inhaled **anticholinergic** products will be converted to ipratropium (Atrovent) nebs 0.5mg q6h.

Non-formulary agent (generic)	Non-formulary agent (brand)	Formulary equivalent (nebulized)
Aclidinium	Tudorza Pressair	Ipratropium 0.5mg q6h
Beclomethasone	QVAR	Budesonide 0.5mg BID
Budesonide-formoterol	Symbicort	Budesonide 0.5mg BID + arformoterol 15mcg BID
Ciclesonide	Alvesco	Budesonide 0.5mg BID
Fluticasone furoate	Arnuity Ellipta	Budesonide 0.5mg BID
Fluticasone furoate – vilanterol	Breo Ellipta	Budesonide 0.5mg BID + arformoterol 15mcg BID
Fluticasone propionate	Flovent	Budesonide 0.5mg BID
Fluticasone propionate-salmeterol	Advair	Budesonide 0.5mg BID + arformoterol 15mcg BID
Formoterol	Foradil, Perforomist	Arformoterol 15mcg BID
Glycopyrronium or glycopyrrolate	Seebri Neohaler	Ipratropium 0.5mg q6h
Indacaterol	Arcapta Neohaler	Arformoterol 15mcg BID
Indacaterol-glycopyrronium	Utibron Neohaler	Arformoterol 15mcg BID + ipratropium 0.5mg q6h
Levalbuterol Inhaler 0.63mg nebs <q6h frequency 0.63mg nebs q6h,q8h,q12h 1.25mg nebs <q6h frequency 1.25mg nebs q6h,q8h,q12h	Xopenex	Albuterol 2.5mg nebs q6h 1.25mg at the same frequency 1.25mg q6h 2.5mg at the same frequency 2.5mg q6h
Mometasone	Asmanex	Budesonide 0.5mg BID
Mometasone - formoterol	Dulera	Budesonide 0.5mg BID + arformoterol 15mcg BID
Olodaterol	Striverdi Respimat	Arformoterol 15mcg BID
Salmeterol	Serevent	Arformoterol 15mcg BID
Tiopropium	Spiriva	Ipratropium 0.5mg q6h
Tiotropium-olodaterol	Stiolto Respimat	Arformoterol 15mcg BID + Ipratropium 0.5mg q6h
Umeclidinium	Incruse Ellipta	Ipratropium 0.5mg q6h
Umeclidinium-vilanterol	Anoro Ellipta	Arformoterol 15mcg BID + Ipratropium 0.5mg q6h