

NI Formulary: Chapter 3 Respiratory System

Please refer to the full version of the Formulary for further advice and information.

Therapeutic Area	Drug choice
Short-acting beta₂ agonists (SABA)[Asthma & COPD]	1 Salbutamol MDI, Breath actuated MDI or DPI 100micrograms/metered inhalation Terbutaline DPI 500 micrograms/metered inhalation
Long-acting beta₂ agonists (LABA)[COPD only]	1 Formoterol fumarate MDI 12micrograms/metered inhalation <i>Or</i> Formoterol fumarate DPI (<i>Formoterol Easyhaler[®] is a cost-effective choice</i>) <i>Or</i> Salmeterol MDI 25micrograms/metered inhalation; Salmeterol DPI 50micrograms/dose
Short-acting antimuscarinic bronchodilator[COPD]	1 Ipratropium bromide MDI 20micrograms/metered inhalation
Long-acting antimuscarinic bronchodilator[COPD]	1 Braltus[®] 10microgram inhalation powder capsules with Zonda[®] inhaler (Delivers same dose of tiotropium as Spiriva [®] Handihaler [®]) <i>Or</i> Spiriva Respimat[®] inhalation solution 2.5micrograms/dose (tiotropium) Or a newer LAMA agent: Eklira Genuir[®] ▼ DPI 322micrograms/dose (aclidinium) <i>Or</i> Seebri Breezhaler[®] ▼ 44 microgram inhalation powder caps with device (glycopyrronium) <i>Or</i> Incruse Ellipta[®] ▼ DPI 55micrograms/dose (umeclidinium)
Theophylline	1 Uniphyllin Continus[®] m/r tablets 200mg, 300mg

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LABA/LAMA combination inhalers [COPD only]	1 Anoro Ellipta[®] ▼ DPI 55/22 (umeclidinium /vilanterol) <i>Or</i> Duaklir Genuair[®] ▼ DPI 340/12 (aclidinium/formoterol) <i>Or</i> Spiolto Respimat[®] ▼ 2.5/2.5 inhalation solution (tiotropium/olodaterol) <i>Or</i> Ultibro Breezhaler[®] ▼ 85/43 inhalation powder capsules with device (indacaterol/glycopyrronium)
Corticosteroids Single agent inhalers [Asthma only]	1 Beclometasone MDI (Clenil Modulite[®]) 50,100, 200 or 250 (micrograms/metered inhalation) <i>Or</i> Beclometasone DPI
Compound ICS/LABA Preparations – [Asthma]	1 <u>Containing Beclometasone/formoterol</u> Fostair[®] MDI 100/6; 200/6 (Beclometasone/Formoterol) Fostair NEXThaler[®] (DPI) 100/6; 200/6 (Beclometasone/Formoterol) <u>Containing Budesonide/formoterol</u> DuoResp Spiromax[®] (DPI) 160/4.5; 320/9 (Budesonide/formoterol) <i>Doses are therapeutically equivalent to Symbicort</i> <i>Turbohaler 200/6 and 400/12</i>

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	<p>Or</p> <p>Fobumix® Easyhaler 80/4.5; 160/4.5; 320/9 (Budesonide/formoterol) Doses are therapeutically equivalent to Symbicort Turbohaler 100/6, 200/6 and 400/12</p> <p>Or</p> <p>Symbicort Turbohaler® (DPI) 100/6; 200/6; 400/12 (Budesonide/formoterol)</p> <p><u>Containing Fluticasone propionate/ formoterol</u> Flutiform® (MDI) 50/5; 125/5; 250/10</p> <p><u>Containing Fluticasone propionate/salmeterol</u> Use a cost-effective combination MDI</p> <p>e.g. AirFluSal®, Sereflo® or Sirdupla®</p> <p>Or</p> <p><u>Seretide Accuhaler® (DPI)</u> 100/50; 250/50; 500/50 (Fluticasone propionate/Salmeterol)</p>
<i>Reserve (still uncontrolled and non-adherence suspected)</i>	<p><u>Containing Fluticasone furoate/ vilanterol</u></p> <p>Relvar Ellipta®92/22; 184/22</p>

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Compound ICS/LABA Preparations – [COPD]	<p>1 <u>Containing Beclometasone/Formoterol</u> Fostair[®] MDI 100/6 Fostair NEXThaler[®] (DPI) 100/6 (Beclometasone/Formoterol)</p> <p><u>Containing Budesonide / formoterol</u> DuoResp Spiromax[®] (DPI) 160/4.5; 320/9 (Budesonide/formoterol) <i>Doses are therapeutically equivalent to Symbicort Turbohaler[®] 200/6 and 400/12</i> Or Fobumix[®] Easyhaler 160/4.5; 320/9 (Budesonide/formoterol) <i>Doses are therapeutically equivalent to Symbicort Turbohaler 100/6, 200/6 and 400/12</i> Or Symbicort[®] MDI 200/6 (Budesonide/formoterol) Or Symbicort Turbohaler[®] (DPI) 200/6; 400/12 (Budesonide/formoterol)</p>
Reserve for COPD patients using other Ellipta[®] devices	<p><u>Containing Fluticasone furoate/ vilanterol</u> Relvar Ellipta[®]92/22 (Fluticasone furoate /vilanterol)</p> <p>NB: the 184/22 strength is not licensed for COPD</p>
Leukotriene receptor antagonists Antihistamines <u>Encourage self care and purchase OTC</u>	<p>1 Montelukast tablets 10mg</p> <p>1 Cetirizine tablets 10mg; oral solution 5mg/5mL Loratadine tablets 10mg; syrup 5mg/5mL</p>
Allergic emergencies - Patient Use (Ensure patient is trained on use of device prescribed)	<p>1 EpiPen[®] Auto-injector 0.3mg (delivering a single dose of adrenaline 300micrograms) Or Jext[®] 300 micrograms adrenaline auto-injetor (delivering a single dose of adrenaline 300micrograms)</p>
Allergic emergencies - Healthcare professional use	<p>1 Adrenaline 1 in 1000 (1mg/ml) injection</p>

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Mucolytics (COPD)	1 Carbocisteine capsules 375mg; oral liquid 250mg/5mL <i>Or</i> NACSYS® (acetylcysteine) 600mg effervescent tablets