

## NI Formulary: Chapter 3 Respiratory System

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

<b>Therapeutic Area</b>	<b>Drug choice</b>
<b>Short-acting beta<sub>2</sub> agonists (SABA)[Asthma &amp; COPD]</b>	<p><b>Prescribe DPIs by brand name</b></p> <p><b>Salbutamol DPI</b></p> <p><b>① Refer to BNF for full list of salbutamol DPI products, e.g. Easyhaler® Salbutamol, Salbulin® Novolizer, Ventolin Accuhaler® Terbutaline DPI</b></p> <p><b>① Bricanyl Turbohaler® DPI 500 micrograms/metered inhalation</b></p> <p><b>① Salbutamol MDI</b></p> <p><b>① Salamol® (MDI) 100micrograms/ metered inhalation or</b></p> <p><b>① Salamol Easi-Breathe® (breath-actuated MDI) 100micrograms/ metered inhalation</b></p>
<b>If a MDI is required</b>	
<b>Long-acting beta<sub>2</sub> agonists (LABA)[COPD only]</b>	<p><b>Formoterol fumarate DPI</b></p> <p><b>① Formoterol Easyhaler® 12micrograms/dose or</b></p> <p><b>① Formoterol fumarate MDI 12micrograms/metered inhalation</b></p> <p><b>① Salmeterol DPI</b></p> <p><b>① Serevent® (salmeterol) 50micrograms/dose Accuhaler DPI or</b></p> <p><b>① Salmeterol MDI 25micrograms/metered inhalation</b></p>
<b>If a MDI is required</b>	
<b>Long-acting antimuscarinic bronchodilator[COPD]</b>	<p><b>Tiotropium</b></p> <p><b>① Acopair® 18microgram inhalation powder capsules with NeumoHaler® -<i>Cost effective choice</i></b></p> <p>Or</p> <p><b>① Tiogiva® 18microgram inhalation powder capsules with device - <i>Cost effective choice</i></b></p> <p>Or</p> <p><b>① Spiriva Respimat® 2.5microgram, inhalation solution</b></p> <p><b>Aclidinium</b></p> <p><b>① Eklira Genuair® ▼DPI 322micrograms/dose</b></p> <p><b>Glycopyrronium</b></p> <p><b>① Seebri Breezhaler®DPI 44 microgram inhalation powder caps with device</b></p> <p><b>Umeclidinium</b></p> <p><b>① Incurve Ellipta® ▼ 55micrograms/dose DPI</b></p>
<b>Short-acting antimuscarinic bronchodilator[COPD]</b>	<p><b>Ipratropium</b></p> <p><b>① Ipratropium bromide MDI 20micrograms/metered inhalation</b></p>
<b>Theophylline</b>	<p><b>① Uniphyllin Continus® m/r tablets 200mg, 300mg</b></p>

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<b>LABA/LAMA combination inhalers [COPD only]</b>	<b>Aclidinium/formoterol</b> ① Duaklir Genuair® ▼ DPI 340/12 <b>Indacaterol/glycopyrronium</b> ① Ultibro Breezhaler® DPI 85/43 inhalation powder capsules with device <b>Tiotropium/olodaterol</b> ① Spiolto Respimat® soft mist 2.5/2.5 inhalation <b>Umeclidinium/vilanterol</b> ① Anoro Ellipta ® ▼ DPI 55/22 <b>Glycopyrronium/Formoterol</b> ① Bevespi Aerosphere 7.2/5 micrograms pressurised inhalation
<b>If a MDI is required</b>	
<b>Inhaler devices, peak flow meters and nebulisers</b>	<a href="#">See 3.1.5</a>
<b>Corticosteroids</b> <b>Single agent inhalers</b> [Asthma only]	<b>Bclometasone DPI</b> ① Easyhaler® Beclometasone 200micrograms/dose <b>Budesonide DPI</b> ① Easyhaler® Budesonide 100, 200 or 400 micrograms/dose <b>Prescribe DPIs by brand</b> <b>Bclometasone MDI</b> ① Soprobec® 50, 100, 200 or 250 micrograms/metered inhalation <b>Cost effective choice</b> Or ① Clenil Modulite® 50,100, 200 or 250 micrograms/metered inhalation
<b>If a MDI is required</b>	
<b>Compound ICS/LABA Preparations – [Asthma]</b>	<b>Bclometasone/formoterol</b> ① Fostair NEXThaler® DPI 100/6; 200/6 or ① Luforbec® MDI 100/6, 200/6- <b>cost effective choice</b> or ① Proxor® MDI 100/6, 200/6 - <b>cost effective choice</b> or ① Fostair® MDI 100/6; 200/6 <b>Budesonide/formoterol</b> ① Fobumix® Easyhaler DPI 80/4.5; 160/4.5; 320/9 <b>cost effective choice</b> or ① DuoResp Spiromax ® DPI 160/4.5; 320/9 or ① Symbicort Turbohaler® DPI 100/6; 200/6; 400/12
<b>If a MDI is required</b>	

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<b>If a MDI is required</b>	<p><b>Fluticasone propionate/salmeterol</b></p> <p>① Fixkoh Airmaster® DPI 100/50, 250/50, 500/50 <b>Cost-effective choice</b> or</p> <p>① Seretide Accuhaler® DPI 100/50; 250/50; 500/50 or</p> <p>Use a cost-effective combination MDI e.g. Combisal® or Avenor®</p> <p><b>Fluticasone furoate/ vilanterol</b></p> <p>① Relvar Ellipta® DPI 92/22; 184/22</p>
<b>Compound ICS/LABA Preparations – [COPD]</b>  <b>If a MDI is required</b>	<p><b>Beclometasone/Formoterol</b></p> <p>① Fostair NEXThaler® DPI 100/6 or</p> <p>① Luforbec® MDI 100/6 - <b>cost effective choice</b> or</p> <p>① Proxor® MDI 100/6 - <b>cost effective choice</b> or</p> <p>① Fostair® MDI 100/6 <i>NB: the 200/6 strength of beclometasone/ formoterol is not licensed for COPD</i></p> <p><b>Budesonide / formoterol</b></p> <p>① Fobumix® Easyhaler DPI 160/4.5; 320/9 -<b>cost effective choice</b> or</p> <p>① DuoResp Spiromax ® DPI 160/4.5; 320/9 or</p> <p>① Symbicort Turbohaler® DPI 200/6; 400/12</p> <p><b>Fluticasone furoate/ vilanterol</b></p> <p>① Relvar Ellipta®DPI 92/22 <i>NB: the 184/22 strength is not licensed for COPD</i></p>
<b>Triple Therapy Inhalers (COPD)</b>	<p><b>Beclometasone/formoterol/glycopyrronium</b></p> <p>① Trimbow® NEXThaler DPI 88/5/9 Or</p> <p>① Trimbow® MDI 87/5/9 <i>NB - the higher strength MDI 172/5/9 is not licensed for use in COPD</i></p> <p><b>Fluticasone furoate/vilanterol/umeclidinium</b></p> <p>① Trelegy® Ellipta DPI 92/55/22</p> <p><b>Budesonide/formoterol/glycopyrronium</b></p> <p>① Trixeo® Aerosphere MDI 5/7.2/160</p>
<b>Leukotriene receptor antagonists</b>	① Montelukast tablets 10mg

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<b>Antihistamines</b> <u>Encourage self-care and purchase OTC</u>	<p><b>① Cetirizine tablets 10mg</b></p> <p><b>① Loratadine tablets 10mg</b></p>
<b>Intranasal corticosteroids</b>	<p><b>① Mometasone 50 micrograms/dose nasal spray (140 dose)</b></p> <p><b>② Fluticasone furoate 27.5 micrograms/dose nasal spray (120 dose)</b></p>
<b>Allergic emergencies - Patient Use</b> <i>(Ensure patient is trained on use of device prescribed)</i>	<p><b>① EpiPen® Auto-injector 0.3mg (delivering a single dose of adrenaline 300micrograms)</b> <i>Or</i></p> <p><b>① Jext® 300 micrograms adrenaline auto-injector (delivering a single dose of adrenaline 300micrograms)</b></p>
<b>Allergic emergencies - Healthcare professional use</b>	<p><b>① Adrenaline 1 in 1000 (1mg/ml) injection (1ml ampoules)</b></p>
<b>Mucolytics (COPD)</b>	<p><b>① Carbocisteine capsules 375mg</b> <i>Or</i></p> <p><b>① Acetylcysteine 600mg effervescent tablets sugar free</b> <i>Note: acetylcysteine 600mg capsules are very high cost - avoid where possible</i></p>