

## NI Formulary: Chapter 3 Respiratory System

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

Therapeutic Area	Drug choice
<b>Short-acting beta<sub>2</sub> agonists (SABA)[Asthma &amp; COPD]</b>  <p style="text-align: center;"><i>If a MDI is required</i></p>	<p>① <b>Salbutamol DPI</b> or</p> <p>① <b>Terbutaline DPI</b> 500 micrograms/metered inhalation or</p> <p>① <b>Salamol® MDI</b> 100micrograms/ metered inhalation (salbutamol) or</p> <p>① <b>Salamol®Easi-breathe (breath-actuated MDI)</b> 100micrograms/ metered inhalation (salbutamol)</p>
<b>Long-acting beta<sub>2</sub> agonists (LABA)[COPD only]</b>  <p style="text-align: center;"><i>If a MDI is required</i></p>	<p>① <b>Formoterol fumarate DPI</b> (<i>Formoterol Easyhaler® is a cost-effective choice</i>) or</p> <p>① <b>Salmeterol DPI</b> 50micrograms/dose or</p> <p>① <b>Formoterol fumarate MDI</b> 12micrograms/metered inhalation or</p> <p>① <b>Salmeterol MDI</b> 25micrograms/metered inhalation</p>
<b>Short-acting antimuscarinic bronchodilator[COPD]</b>	<p>① <b>Ipratropium bromide MDI</b> 20micrograms/metered inhalation</p>
<b>Long-acting antimuscarinic bronchodilator[COPD]</b>	<p>① <b>Braltus® DPI</b> 10microgram inhalation powder capsules with <b>Zonda®</b> inhaler (tiotropium) (Delivers same dose of tiotropium as Spiriva® Handihaler®) or</p> <p>① <b>Spiriva Respimat®</b> inhalation solution 2.5micrograms/dose (tiotropium)</p> <p>Or a newer LAMA agent:</p> <p>① <b>Eklira Genuir® ▼ DPI</b> 322micrograms/dose (aclidinium) or</p> <p>① <b>Seebri Breezhaler® DPI</b> 44 microgram inhalation powder caps with device (glycopyrronium) or</p> <p>① <b>Incruse Ellipta® ▼ DPI</b> 55micrograms/dose (umeclidinium)</p>
<b>Theophylline</b>	<p>① <b>Uniphyllin Continus®</b> m/r tablets 200mg, 300mg</p>

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<b>LABA/LAMA combination inhalers [COPD only]</b>	<p>① <b>Anoro Ellipta<sup>®</sup> ▼ DPI</b> 55/22 (umeclidinium /vilanterol) or</p> <p>① <b>Duaklir Genuair<sup>®</sup> ▼ DPI</b> 340/12 (aclidinium/formoterol) or</p> <p>① <b>Spiolto Respimat<sup>®</sup> softmist 2.5/2.5 inhalation solution</b> (tiotropium/olodaterol) or</p> <p>① <b>Ultibro Breezhaler<sup>®</sup> DPI 85/43 inhalation powder capsules with device</b> (indacaterol/glycopyrronium)</p>
<b>Corticosteroids Single agent inhalers [Asthma only]</b>  <p style="text-align: center;"><i>If a MDI is required</i></p>	<p>① <b>Beclometasone DPI</b> or</p> <p>① <b>Budesonide DPI</b> or</p> <p>① <b>Beclometasone MDI (Clenil Modulite<sup>®</sup>)</b> 50,100, 200 or 250 (micrograms/metered inhalation)</p>
<b>Compound ICS/LABA Preparations – [Asthma]</b>  <p style="text-align: center;"><i>If a MDI is required</i></p>	<p>① <b><u>Containing Beclometasone/formoterol</u></b> <b>Fostair NEXThaler<sup>®</sup> DPI</b> 100/6; 200/6 or</p> <p>① <b>Fostair<sup>®</sup> MDI</b> 100/6; 200/6</p> <hr/> <p><b><u>Containing Budesonide/formoterol</u></b></p> <p>① <b>DuoResp Spiromax<sup>®</sup> DPI</b> 160/4.5; 320/9 <i>Doses are therapeutically equivalent to Symbicort Turbohaler 200/6 and 400/12</i> or</p> <p>① <b>Fobumix<sup>®</sup> Easyhaler DPI</b> 80/4.5; 160/4.5; 320/9 <i>Doses are therapeutically equivalent to Symbicort Turbohaler 100/6, 200/6 and 400/12</i> or</p> <p>① <b>Symbicort Turbohaler<sup>®</sup> DPI</b> 100/6; 200/6; 400/12</p>

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<i>If a MDI is required</i>	<p><b><u>Containing Fluticasone propionate/salmeterol</u></b></p> <p>① <b>Fixkoh Airmaster® DPI</b> 100/50, 250/50, 500/50 <b>Cost-effective choice</b></p> <p>or</p> <p>① <b>Seretide Accuhaler® DPI</b> 100/50; 250/50; 500/50</p> <p>or</p> <p>① Use a cost-effective combination MDI e.g. AirFluSal®, Combisal®, Sereflo® or Avenor®</p>
<i>Reserve (still uncontrolled and non-adherence suspected)</i>	<p><b><u>Containing Fluticasone furoate/ vilanterol</u></b></p> <p>Relvar Ellipta®92/22; 184/22</p>
<i>Compound ICS/LABA Preparations – [COPD]</i>  <i>If a MDI is required</i>	<p>① <b><u>Containing Beclometasone/Formoterol</u></b> Fostair NEXThaler® DPI 100/6 or ① <b>Fostair® MDI 100/6</b></p> <hr/> <p><b><u>Containing Budesonide / formoterol</u></b></p> <p>① <b>DuoResp Spiromax® DPI 160/4.5; 320/9</b> Doses are therapeutically equivalent to Symbicort Turbohaler® 200/6 and 400/12 or ① <b>Fobumix® Easyhaler DPI 160/4.5; 320/9</b>  Doses are therapeutically equivalent to Symbicort Turbohaler 100/6, 200/6 and 400/12 or ① <b>Symbicort Turbohaler® DPI 200/6; 400/12</b></p>
<i>Reserve for COPD patients using other Ellipta® devices</i>	<p><b><u>Containing Fluticasone furoate/ vilanterol</u></b> Relvar Ellipta®DPI 92/22</p> <p><b><i>NB: the 184/22 strength is not licensed for COPD</i></b></p>
<i>Leukotriene receptor antagonists</i>	<p>① <b>Montelukast tablets 10mg</b></p>
<i>Antihistamines</i> <b><u>Encourage self care and purchase OTC</u></b>	<p>① <b>Cetirizine tablets 10mg; oral solution 5mg/5mL</b> <b>Loratadine tablets 10mg; syrup 5mg/5mL</b></p>

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<b>Allergic emergencies - Patient Use</b> <i>(Ensure patient is trained on use of device prescribed)</i>	<b>1</b> <b>EpiPen®</b> Auto-injector 0.3mg (delivering a single dose of adrenaline 300micrograms) <i>Or</i> <b>Emerade®</b> 300 micrograms adrenaline autojector (delivering a single dose of adrenaline 300 micrograms) ; <b>Emerade®</b> 500 micrograms adrenaline autojector (delivering a single dose of adrenaline 500 micrograms) <i>Or</i> <b>Jext®</b> 300 micrograms adrenaline auto-injector (delivering a single dose of adrenaline 300micrograms)
<b>Allergic emergencies - Healthcare professional use</b>	<b>1</b> <b>Adrenaline 1 in 1000</b> (1mg/ml) injection
<b>Mucolytics (COPD)</b>	<b>1</b> <b>Carbocisteine</b> capsules 375mg; oral liquid 250mg/5mL <i>Or</i> <b>NACSYS®</b> (acetylcysteine) 600mg effervescent tablets