

NI Formulary: Chapter 3 Respiratory System

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

Therapeutic Area	Drug choice
Short-acting beta₂ agonists (SABA)[Asthma & COPD] If a MDI is required	Prescribe DPIs by brand name Salbutamol DPI 1 Refer to BNF for full list of salbutamol DPI products, e.g. Easyhaler® Salbutamol, Salbulin® Novolizer, Ventolin Accuhaler® Terbutaline DPI 1 Bricanyl Turbohaler® DPI 500 micrograms/metered inhalation Salbutamol MDI 1 Salamol® (MDI) 100micrograms/ metered inhalation or 1 Salamol Easi-Breathe® (breath-actuated MDI) 100micrograms/ metered inhalation
Long-acting beta₂ agonists (LABA)[COPD only] If a MDI is required If a MDI is required	Formoterol fumarate DPI 1 Formoterol Easyhaler® 12micrograms/dose or 1 Formoterol fumarate MDI 12micrograms/metered inhalation Salmeterol DPI 1 Serevent® (salmeterol) 50micrograms/dose Accuhaler DPI or 1 Salmeterol MDI 25micrograms/metered inhalation
Long-acting antimuscarinic bronchodilator[COPD]	Tiotropium 1 Acopair® 18microgram inhalation powder capsules with NeumoHaler® - Cost effective choice Or 1 Tiogiva® 18microgram inhalation powder capsules with device - Cost effective choice Or 1 Spiriva Respimat® 2.5microgram, inhalation solution Acclidinium 1 Eklira Genuair® ▼ DPI 322micrograms/dose Glycopyrronium 1 Seebri Breezhaler® DPI 44 microgram inhalation powder caps with device Umeclidinium 1 Incruse Ellipta® ▼ 55micrograms/dose DPI
Short-acting antimuscarinic bronchodilator[COPD]	Ipratropium 1 Ipratropium bromide MDI 20micrograms/metered inhalation
Theophylline	1 Uniphyllin Continus® m/r tablets 200mg, 300mg

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

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