

North East London (NEL) Adult Respiratory Inhaler Formulary June 2023

Introduction

This formulary has been developed with stakeholders across NEL to support consistent high quality respiratory care when used in conjunction with the NEL adult asthma and COPD guidelines. The list includes associated carbon footprint and device type listed alongside with links to the product specifications and video links for inhaler technique demonstrations. Please prescribe only by Brand and Device.

All Dry Powder Inhalers (DPIs) have lower carbon footprint but require patients to have a deep and fast inspiratory effort technique to use them optimally. Metered Dose Inhalers (MDIs) currently have a higher carbon footprint due to the propellant used in MDI canisters. MDI devices however will be suitable for patients who are unable to take deep and fast inspiratory breaths rendering DPI devices unsuitable. MDI and Soft Mist Inhalers (SMI) devices require a slow steady breath to inhale their medication optimally. Use an In-check Device to assess if unable to make an assessment as recommended in both the adult asthma and COPD guidelines. A spacer can optimise inhaler technique and enhance drug deposition when used together with MDIs.

Consider prescribing combination inhalers instead of separate monotherapies to improve adherence in addition to being more cost effective and lower in carbon footprint.






When separate inhalers are required, select devices that require the same inspiratory technique for the patient to optimise their technique.




Note that inhalers with very high carbon footprint such as Flutiform MDI and Symbicort MDI have been made non-formulary across NEL for adults as there are lower carbon MDIs available within their class of inhalers.

Patients who are currently stable on any non-formulary inhalers should not be switched without a face-to-face consultation. All patients should be reviewed and be part of a shared decision-making consultation before any changes to inhaler prescribing takes place. No mass switching of inhalers will be allowed across NEL.





Approved by the NEL Formulary & Pathways Group: December 2022






Review date: December 2025



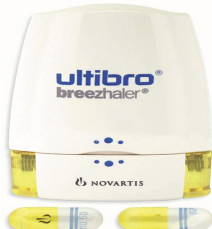


BNF Chemical Substance Name	Proprietary Brand and Device and available strengths	Device Type	Image	Carbon Footprint	Indication License	Age License Paediatric Adults (≥ 18yrs old) Adolescent (≥ 12yrs old)	Comments
Inhaled Corticosteroids (ICS)							
Beclometasone	Easyhaler Beclometasone 200mcg	DPI		Low	Asthma	Adult	Includes dose counter Easyhaler Inhaler technique video
	Clenil Modulite MDI 50mcg, 100mcg	MDI		High	Asthma	Paediatrics onwards	NO dose counter MDI inhaler technique video Prescribe spacer
	Clenil Modulite MDI 200mcg			High	Asthma	≥ 12yrs old	
	Clenil Modulite MDI 250mcg			High	Asthma	Adult	
	Soprobec MDI 50mcg, 100mcg	MDI		High	Asthma	Paediatrics onwards	
	Soprobec MDI 200mcg, 250mcg			High	Asthma	Adult	
Budesonide	Easyhaler Budesonide 100mcg, 200mcg, 400mcg	DPI		Low	Asthma	≥6yrs old	
	Pulmicort Turbohaler 100mcg, 200mcg, 400mcg	DPI		Low	Asthma	≥6yrs old	Includes dose counter Turbohaler Inhaler technique video






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Inhaled Corticosteroid / Long-Acting Long-Acting Beta-Agonist combination inhalers (ICS/LABA) First Line							
Budesonide/ Formoterol	DuoResp Spiromax 160/ 4.5mcg	DPI		Low	Asthma (MART) COPD	Asthma (MART): ≥12yrs COPD: Adult	Includes dose counter Spiromax Inhaler technique video
	DuoResp Spiromax 320/ 4.5mcg			Low	Asthma COPD	Asthma: ≥12yrs old COPD: Adults	
	Fobumix Easyhaler 80 / 4.5mcg	DPI		Low	Asthma (MART)	Adults	Includes dose counter Easyhaler Inhaler technique video
	Fobumix Easyhaler 160 / 4.5mcg			Low	Asthma (MART) COPD		
	Fobumix Easyhaler 320/ 9mcg			Low	Asthma COPD		
	Symbicort Turbohaler 100/6mcg	DPI		Low	Asthma (MART)	Asthma: Fixed dose ≥6yrs MART: ≥12yrs old	Includes dose counter Turbohaler Inhaler technique video
	Symbicort Turbohaler 200/6mcg			Low	Asthma (MART) COPD	Asthma Reliever therapy and (MART): ≥12yrs COPD: Adult	
	Symbicort Turbohaler 400/12mcg			Low	Asthma/ COPD	Asthma: ≥12yrs old COPD: Adults	

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Inhaled Corticosteroid / Long-Acting Long-Acting Beta-Agonist combination inhalers (ICS/LABA) First Line							
Beclomethasone/ Formoterol	Fostair NEXThaler 100/ 6mcg	DPI		Low	Asthma (MART) COPD	Adults	Includes dose counter NEXThaler Inhaler technique video
	Fostair NEXThaler 200/ 6mcg						
	Fostair MDI 100/ 6mcg	MDI		High	Asthma (MART) COPD	Adults	Includes dose counter MDI inhaler technique video Prescribe spacer
	Fostair MDI 200/6mcg			High	Asthma		
	Luforbec MDI 100/6mcg	MDI		High	Asthma (MART) COPD	Adults	Includes dose counter MDI inhaler technique video Prescribe spacer
	Luforbec MDI 200/6mcg	MDI		High	Asthma		
Fluticasone furoate/ Vilanterol	Relvar Ellipta 92/22mcg	DPI		Low	Asthma COPD	Asthma: (≥ 12yrs old) COPD: Adults	Includes dose counter Ellipta Inhaler technique video
	Relvar Ellipta 184/22mcg			Low	Asthma	≥ 12yrs old	
Mometasone/ Indacaterol	Aectura Breezhaler 125/62.5mcg 125/127.5mcg 125/260mcg	DPI		Low	Asthma	Adults	Inhaled capsules can be used to count doses Breezhaler Inhaler technique video

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Inhaled Corticosteroid / Long-Acting Long-Acting Beta-Agonist combination inhalers (ICS/LABA) Second Line							
Fluticasone Propionate / Salmeterol	Fusacomb Easyhaler 250/50mcg	DPI		Low	Asthma	≥12yrs old	Includes dose counter
	Fusacomb Easyhaler 500/50mcg	DPI		Low	Asthma/ COPD	Asthma: ≥12yrs old COPD: Adults	Easyhaler Inhaler technique video
	Combisal MDI 50/25mcg	MDI		High	Asthma	≥4yrs old	NO dose counter
	Combisal MDI 125/25mcg 250/25mcg	MDI		High	Asthma	≥12yrs old	MDI inhaler technique video Prescribe spacer
	Seretide Evohaler 50/25mcg	MDI		High	Asthma	≥4yrs old	Includes dose counter MDI inhaler technique video Prescribe spacer
	Sereflo MDI 125/25mcg 250/25mcg	MDI		High	Asthma	Adults	Includes dose counter MDI inhaler technique video Prescribe spacer





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Inhaled Corticosteroid / Long-Acting Long-Acting Beta-Agonist/ Long-Acting Muscarinic Antagonists combination inhalers (ICS/LABA/LAMA) Triple Therapy inhalers							
Beclomethasone/ formoterol/ glycopyrronium	Trimbow NEXThaler 88/5/9mcg	DPI		Low	COPD	Adults	Includes dose counter NEXThaler Inhaler technique video
	Trimbow MDI 87/5/ 9mcg	MDI		High	Asthma COPD		Includes dose counter MDI inhaler technique video
	Trimbow MDI 172/5/9mcg			High	Asthma		Prescribe spacer
Mometasone/ indacaterol/ glycopyrronium	Enerzair Breezhaler 114/46/136mcg	DPI		Low	Asthma	Adults	A free add on Sensor is available for prescribing to aid adherence. Sensor Information Breezhaler Inhaler technique video
Fluticasone/ Umeclidinium/ Vilanterol	Trelegy Ellipta 92/55/22mcg	DPI		Low	COPD	Adults	Includes dose counter Ellipta Inhaler technique video
Formoterol/ Glycopyrronium/ Budesonide	Trixeo Aerosphere 5/7.2/160mcg	MDI		High	COPD	Adults	Includes dose counter MDI inhaler technique video Prescribe spacer

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Long-Acting Beta-Agonist/ Long-Acting Muscarinic Antagonists combination inhalers (LABA/LAMA)							
Umeclidinium / Vilanterol	Anoro Ellipta 55/22mcg	DPI		Low	COPD	Adults	Includes dose counter Ellipta Inhaler technique video
Aclidinium/ Formoterol	Duaklir Genuair 340/12mcg	DPI		Low	COPD	Adults	Includes dose counter Genuair Inhaler technique video
Glycopyrronium/ Indacaterol	Ultibro Breezhaler 85/43mcg	DPI		Low	COPD	Adults	Inhaled capsules can be used to count doses Breezhaler Inhaler technique video
Tiotropium olodaterol	Spiolto Respimat 2.5/2.5mcg	SMI		Low	COPD	Adults	Includes dose counter Respimat Inhaler technique video
Glycopyrronium/ formoterol	Bevespi Aerosphere 7.2/5mcg	MDI		High	COPD	Adults	Includes dose counter MDI inhaler technique video Prescribe spacer

BNF Chemical Substance Name	Proprietary Brand and Device and available strengths	Device Type	Image	Carbon Footprint	Comments
Short-Acting Beta Agonist inhalers (SABA)					
Salbutamol	Easyhaler Salbutamol 100mcg	DPI		Low	Includes dose counter Easyhaler Inhaler technique video
	Ventolin Accuhaler 200mcg	DPI		Low	Includes dose counter 200mcg strength per inhalation Accuhaler Inhaler technique video
	Salamol MDI 100mcg	MDI		High	1 st line MDI NO dose counter MDI inhaler technique video Prescribe spacer
	Airomir MDI 100mcg	MDI		High	2 nd line MDI NO dose counter MDI inhaler technique video Prescribe spacer
Terbutaline	Bricanyl Turbohaler 500mcg	DPI		Low	Includes dose counter Turbohaler Inhaler technique video

Inhalers on formulary but used only as per the agreed exceptions

BNF Chemical Substance Name	Proprietary Brand and Device and available strengths	Device	Carbon footprint	NEL approved exception indications
Inhaled Corticosteroids (ICS)				
Ciclesonide	Alvesco MDI 80mcg ; 160mcg	MDI	High	Specialist initiation only for LABA intolerant patients needing higher doses of ICS and / or patients with oropharyngeal side effects to other ICS despite correct inhaler technique. MDI inhaler technique video
Fluticasone Propionate	Flixotide Accuhaler 100mcg; 250mcg; 500mcg	DPI	Low	Specialist initiation for LABA intolerant patients needing higher doses of ICS Accuhaler Inhaler technique video
Long-Acting Beta-Agonist (LABA)				
Salmeterol	Soltel MDI 25mcg	MDI	High	Only for patients who are LAMA intolerant in COPD MDI inhaler technique video
Formoterol	Formoterol Easyhaler 12mcg	DPI	Low	Only for patients who are LAMA intolerant in COPD Easyhaler Inhaler technique video
	Atimos Modulite MDI 12mcg	MDI	High	Only for patients who are LAMA intolerant in COPD MDI inhaler technique video
Olodaterol	Striverdi Respimat 2.5mcg	SMI	Low	Only for patients who are LAMA intolerant in COPD Respimat Inhaler technique video
Long-Acting Muscarinic Antagonists combination inhalers (LAMA)				
Tiotropium	Spiriva Respimat 2.5mcg	SMI	Low	Only for patients who are LABA intolerant in COPD and/ or asthma Respimat Inhaler technique video
	Tiogiva Inhalation Capsules with Device 18mcg	DPI	Low	Only for patients who are LABA intolerant in COPD
Aclidinium	Eklira 322micrograms/dose Genuair	DPI	Low	Only for patients who are LABA intolerant in COPD Genuair Inhaler technique video
Umeclidinium	Incruse Ellipta 55micrograms/dose dry powder inhaler	DPI	Low	Only for patients who are LABA intolerant in COPD Ellipta Inhaler technique video
Glycopyrronium	Seebri Breezhaler 44mcg	DPI	Low	Only for patients who are LABA intolerant in COPD Breezhaler Inhaler technique video

Spacer/ Holding Chamber devices to be used with Metered Dose Inhalers (MDIs)			
Device Name	Device Type	Image	Comments
Aerochamber Plus Flow-Vu Anti-Static	AeroChamber Plus Flow-Vu Anti-Static		Compatible with most MDI devices
	AeroChamber Plus Flow-Vu Anti-Static with adult large mask		Prescribe a facemask version only if patients are unable to use a mouthpiece version Prescribe a compatible spacer for use in ALL patients using MDI devices Replace annually
A2A Spacer	A2A Spacer		Aerochamber Plus Flow-Vu provides whistling sound feedback if inspiratory flow is too fast
	A2A Spacer with small or medium mask		Visual observation of valve movements are needed to ensure correct technique with A2A spacers A2A spacers are collapsible making it more portable. Aerochamber Plus Flow-Vu Anti-Static instructions for use How to use a spacer with tidal breathing How to use a spacer with single breath and hold

All brands of Spacer/ Holding Chamber devices are on formulary and accepted to be prescribed across NEL.

To find a full list of other spacer devices please refer to the [latest Drug Tariff](#) (under part IXA- Appliance - SPACER/HOLDING CHAMBER DEVICES)