

Norfolk and Waveney Primary Care

Best Value Inhalers licensed for Asthma

For information on all inhalers see [NetFormulary - Respiratory chapter](#)

See [NICE NG245](#) for information on 'off-label' use of inhalers

Best value Dry Powder Inhalers (DPIs)  Consider DPIs as 1st Line for age 12 years and over, *within product licence*.*

ALL DPIs have a **dose counter / indicator**. All DPIs require the same inhalation **technique: quick & deep (2 – 3 sec)** *Click inhaler names for link to [SPC](#)
DPIs for age < 12 years child must have face to face assessment or on specialist advice only. Click [here](#) for Norfolk and Waveney Primary Care Asthma resources
Ensure ALL patients have an up to date **Personalised Asthma Action Plan (PAAP)** [Asthma + Lunk UK](#), [Beat asthma \(CYP resources\)](#)

Short Acting Beta2 Agonist (SABA) Reliever

[Easyhaler® Salbutamol 100mcg](#)

Licence age ≥ 4 years



Shake upright 3 - 5 x before use.
Press to prime
Carbon neutral
Shelf life 6 months after opening
[Click here for video](#)

[Ventolin Accuhaler® 200mcg](#)

Salbutamol Licence age ≥ 4 years



Slide lever to prime.
Shelf life 24 months
[Click here for video](#)

Inhaled Corticosteroid (ICS) Maintenance

[Easyhaler® Budesonide](#)

or

[Easyhaler Beclometasone](#)

Licence ≥ age 6 years
100mcg, 200mcg, 400mcg



Shake upright 3 - 5 x before use
Press to prime [Click here for video](#)
Carbon neutral
Shelf life 6 months after opening

Licence Adults only
Only available as 200mcg



Inhaled Corticosteroid (ICS) plus Long Acting Beta2 Agonist (ICS / LABA) (see details below for licenced indications)

For information on **Anti-inflammatory Reliever Therapy (AIR)** click [here](#), **Maintenance and Reliever Therapy (MART)** click [here](#)

[Fobumix Easyhaler®](#) Budesonide / Formoterol



Shake upright 3 - 5 x before use. Press to prime [Click here for video](#)
Carbon neutral Shelf life 4 months after opening
80mcg/4.5mcg: ≥ 6 years Maintenance only,
≥ 12 years Maintenance, MART
160mcg/4.5mcg: ≥ 12 years Maintenance, AIR or MART
320mcg/9mcg: ≥ 12 years Maintenance only

[WockAIR®](#) Forspiro Budesonide / Formoterol



Forspiro device Open and close lever to prime [Click here for video](#)
2 x 60 dose inhalers in one 120 dose pack Shelf life 2 years
160mcg/4.5mcg: ≥ 12 years Maintenance, AIR or MART.
320mcg/9mcg: ≥ 12 years Maintenance only

For alternatives, if the above devices are not appropriate for the patient see pages below.

¹Choose: the most appropriate device for the patient **Check:** inhaler technique at every opportunity, **ask the patient to demonstrate.**

Correct: show the patient how to use the device using physical demonstration **Confirm:** clinicians should use a checklist for each device

Ideally use ^a In-check® Dial G16 (or similar / training device) to ensure the patient will be able to use the device. 1. [Global Initiative for Asthma \(GINA\)](#)

Best Value Pressurised Metered Dose Inhalers (p MDIs)

1st line for younger children, within product licence, OR for older children and adults if a DPI is not appropriate.

All p MDIs require the same inhalation technique: **slow and steady (3 - 5 sec)**. Some pMDIs have dose a counter / indicator [How to use a p MDI video](#)

Ideally all p MDIs should be used with a spacer* to improve drug delivery to the lungs [How can I tell if my inhaler is empty' Beat Asthma](#)

(ALL young children should use p MDIs with a spacer*)

Ensure ALL patients have an up to date **Personalised Asthma Action Plan (PAAP)** [Asthma + Lunk UK](#), [Beat asthma \(CYP resources\)](#)

Short Acting Beta₂ Agonist (SABA) Reliever

Inhaled Corticosteroid (ICS) Maintenance only

[Salamol® 100mcg p MDI](#) salbutamol

Licence for children and adults



NO dose counter.

[How can I tell if my inhaler is empty' Beat Asthma](#)

Shelf life 3 years

[Clenil Modulite® pMDI](#) beclomethasone 50mcg, 100mcg, 200mcg, 250mcg
Carbon neutral (only 50mcg & 100mcg licensed for children)



HAS a dose indicator.

Counts in 20's to 0

Shelf life 3 years

Inhaled Corticosteroid (ICS) plus Long Acting Beta₂ Agonist (ICS / LABA) Maintenance OR [Maintenance and Reliever \(MART\)](#)

[Combisal® pMDI](#) Fluticasone propionate / salmeterol

Licence 50 / 25mcg ≥4yrs, 125 / 25mcg ≥12ys, 250 / 25mcg ≥12ys



NO dose counter.

[How can I tell if my inhaler is empty' Beat Asthma](#)

Shelf life 24 months

**Fixed dose MAINTENANCE ONLY,
NOT licensed for MART**

[Luforbec® p MDI](#)

Extrafine beclometasone / formoterol

Carbon neutral



HAS a dose indicator. Counts in 20's to 0
Shelf life 3 years

100 / 6mcg: ≥ 18yrs Maintenance or MART
200 / 6mcg: ≥ 18yrs Maintenance only

[Bibecfo® p MDI](#)

Extrafine beclometasone / formoterol



HAS a dose counter. Counts in 1's to 0
Shelf life 21 months

100 / 6mcg: ≥ 18yrs Maintenance or MART
200 / 6mcg: ≥ 18yrs Maintenance only

***SPACERS:** see **KM Bulletin 18 Inhaler Spacer Devices** for full details on formulary devices, comparisons and care of spacer ([click here for link](#))

















Use the same spacer for dose titration. A change in spacer may affect the dose delivered and may require dose adjustment.

Ensure device / mask is age appropriate and give spacer care advice. See [Rightbreathe.com](#) for more information on spacer compatibility

Norfolk and Waveney Primary Care *Alternative* Inhalers for Asthma

Ensure the patient has a face-to-face assessment by a clinician with appropriate respiratory expertise

For more information and formulary status of all other devices see [NetFormulary - Respiratory chapter](#)

Short Acting Beta₂ Agonist SABA Reliever	Bricanyl Turbohaler® 500mcg <i>Terbutaline - alternative drug content and DPI device</i> <i>Licence for children and adults</i>  <p>Has a dose indicator Twist blue grip to prime. Shelf life 3 years Click here for video</p> 		
Inhaled Corticosteroid ICS Maintenance only	Pulmicort Turbohaler® <i>Budesonide ≥ 5yrs</i> <i>Alternative device</i>  <p>Has a dose indicator Twist brown grip to prime Click here for video Shelf life 24 months</p> 	Flixotide Accuhaler® <i>Fluticasone propionate ≥ 4yrs</i> <i>Alternative drug content and device</i>  <p>Has a dose counter Slide lever to prime Click here for video Shelf life 18 - 24 months</p> 	Flixotide 50mcg Evohaler® <i>Fluticasone propionate ≥ 4yrs</i> <i>Alternative drug content and device</i>  <p>NO dose counter. Ideally use with a spacer (necessary for younger children) Shelf life 24 months</p> 
Inhaled Corticosteroid (ICS) plus Long Acting Beta₂ Agonist ICS / LABA See details for licenced indications	Alternative ICS / LABA DPI devices with budesonide / formoterol drug content <div> <div data-bbox="472 826 1153 1061"> *DuoResp Spiromax® <p>Has a dose indicator. Open inhaler cap to prime (clicks) Shelf life 6 months <i>after opening foil wrapper</i> Click here for video 160mcg/4.5mcg: ≥ 12 years Maintenance, AIR or MART. 320mcg/9mcg: ≥ 12 years Maintenance only</p>   </div> <div data-bbox="1153 826 2011 1109"> *Symbicort Turbohaler® <p>Has a dose indicator. Twist red grip to prime Shelf life 3 years Click here for video 100mcg / 6mcg: ≥ 6 years Maintenance or MART ≥ 12 years Maintenance or MART 200mcg / 6mcg: ≥ 12 years Maintenance, AIR or MART 400mcg / 12mcg: ≥ 12 years Maintenance only</p>   </div> </div> <div> <div data-bbox="472 1109 1288 1428"> ICS / LABA DPI devices with alternative drug content Fostair NEXThaler® <i>Extrafine beclometasone / formoterol</i> <i>Carbon neutral</i>  <p>Has a dose counter Open the cover to prime Shelf life 6 months <i>after opening</i> Click here for video 100 / 6mcg: ≥ 18yrs Maintenance or MART 200 / 6mcg: ≥ 18yrs Maintenance only</p>  </div> <div data-bbox="1288 1109 2123 1444"> Relvar Ellipta® <i>Fixed Maintenance only, ONCE daily dose</i> <i>Fluticasone furoate / vilanterol</i> <i>Licence</i> <p>Has a dose counter Open the cover to prime (If you open and close without inhaling, the dose is lost) Shelf life 6 weeks <i>after opening</i> Click here for video 92 / 22mcg: ≥ 12 years Maintenance only 184 / 22mcg: ≥ 12 years Maintenance only</p>   </div> </div>		