

## Aerosol vs Non-Aerosol Inhalers

Some inhalers contain propellants, known as hydrofluorocarbons (HFCs). HFCs do not have an effect on the ozone layer. However, they are powerful greenhouse gases and can contribute to global warming.

MDIs and Breathe-Actuated Inhalers (BAI) contain HFCs, but Dry Powder Inhalers (DPI) do not.

### AEROSOL INHALERS - Pressurised Inhalers

All MDIs
K-haler
Easi-breathe
Autohalers

### NON-AEROSOL INHALERS - Dry Powder Devices

Accuhaler
Easyhaler,
Turbohaler,
Nexthaler,
Forspiro,
Spiromax,
Respimat,
Breezhaler,
Genuair,
Ellipta,
Zonda,
Turbohaler,
Twisthaler,
Novolizer,
Handihaler

### Antimuscarinic Bronchodilators

#### Short acting (SAMA)

##### **Aerosol**

Atrovent – no alternative

#### Long acting (LAMA)

##### **Non-aerosol**

Eklira Genuair
Seebri Breezhaler
Braltus Zonda
Spiriva Respimat and Handihaler

### Short Acting Beta 2 Agonists (SABA)

##### **Aerosol**

Airomir MDI and Autohaler
Salamol MDI and Easi-breathe
Ventolin Evohaler

##### **Non-aerosol**

Easyhaler Salbutamol
Salbulin Novolizer
Ventolin Accuhaler
Bricanyl Turbohaler

### Long Acting Beta 2 Agonists (LABA)

#### **Aerosol**

Atimos modulate
Neovent
Serevent evohaler
Soltel

#### **Non-Aerosol**

Easyhaler Formoterol
Foradil caps
Oxis Turbohaler
Onbrez Beezhaler
Serevent accuhaler
Striverdi Respimat

### Inhaled Corticosteroids (ICS)

#### **Aerosol**

Clenil modulate
Kelhale
Qvar MDI, Autohaler and Easi-breathe
Soprobec
Alvesco
Flixotide Evohaler

#### **Non-Aerosol**

Easyhaler Beclometasone
Easyhaler Budesonide
Pulmocort turbohaler
Flixotide accuhaler
Asmanex Twisthaler

### Combination inhalers

#### LABA + LAMA

#### **Non-aerosol**

Duaklir Genuair
Ultibro Beezhaler
Anoro ellipta
Spiolto Respimat

#### LABA + ICS

#### **Aerosol**

Fostair MDI
Flutiform MDI and K-haler
Aloflute
Airflusal MDI
Combisal
Sereflo
Seretide evohaler
Sirdupla

Fostair NEXThaler
DuoResp Spiromax
Fobumix Easyhaler
Symbicort Turbohaler
Ultibro Breezhaler
Airflusal Forspiro
Fusacomb Easyhaler
Seretide Accuhaler
Stalpex
Relvar Ellipta

#### **Non-aerosol**

## **LABA + LAMA + ICS**

### **Aerosol**

Trimbow

### **Non-aerosol**

Trelegy Ellipta

Check Spot Brand Comparisons for the most cost efficient and profitable alternatives

<https://spotdispensing.com/spotinformatics/brand-comparisons/>

## Spot Best Buys – Non-Aerosol Inhalers

SABA

– break even

Easyhaler Salbutamol\* and Ventolin Accuhaler\*

LABA

Seretide Accuhaler\* – break even

ICS

Flixotide Accuhaler 250 and 500 – Must be PI

LABA + ICS

Fostair NEXThaler and  
Fobumix and Fusacomb Easyhalers‡

LABA + LAMA + ICS

Trelegy\*

\* - Less profitable than Aerosol alternatives

‡ - Must let PSUK know what you have ordered in order to get discount

All changes should be made face to face with the patient as inhaler technique for each non-aerosol inhaler might differ.

Resource: <https://www.nice.org.uk/guidance/ng80/resources/inhalers-for-asthma-patient-decision-aid-pdf-6727144573>