Respiratory Inhalers
Identification Guide
Version 3

This booklet has been prepared by NHSGGC Medicines Information. Endorsed by NHSGGC Respiratory Managed Clinical Network, February 2017. Designed by Medical Illustration Services.

This is an identification guide and not a prescribing guide. Some inhaler devices may not be included in the NHSGGC Formulary. Please refer to http://www.ggcmedicines.org.uk/ for information on current Formulary status and device guidance prior to prescribing.
## Contents

<table>
<thead>
<tr>
<th>Recommendations for Inhaler Supply</th>
<th>Respiratory Inhaler Identification</th>
<th>Page no.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Short-acting beta₂ agonist inhalers</strong> (SABAs)</td>
<td>Salbutamol</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Terbutaline</td>
<td></td>
</tr>
<tr>
<td><strong>Long-acting beta₂ agonist inhalers</strong> (LABAs)</td>
<td>Salmeterol</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>Formoterol</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Indacaterol</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Olodaterol</td>
<td></td>
</tr>
<tr>
<td><strong>Short-acting muscarinic antagonist inhalers</strong> (SAMAs)</td>
<td>Ipratropium</td>
<td>10</td>
</tr>
<tr>
<td><strong>Long-acting muscarinic antagonist inhalers</strong> (LAMAs)</td>
<td>Tiotropium</td>
<td>11</td>
</tr>
<tr>
<td></td>
<td>Aclidinium</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Umeclidinium</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Glycopyrronium</td>
<td></td>
</tr>
<tr>
<td><strong>Corticosteroid inhalers</strong></td>
<td>Beclometasone</td>
<td>15</td>
</tr>
<tr>
<td></td>
<td>Fluticasone propionate</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Budesonide</td>
<td></td>
</tr>
</tbody>
</table>
## CONTENTS

<table>
<thead>
<tr>
<th>Compound preparations</th>
<th>Corticosteroid/LABAs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Seretide® (Fluticasone propionate/salmeterol)</td>
<td></td>
</tr>
<tr>
<td>AirFluSal Forspiro® (Fluticasone propionate/salmeterol)</td>
<td></td>
</tr>
<tr>
<td>Sirdupla® (Fluticasone propionate/salmeterol)</td>
<td></td>
</tr>
<tr>
<td>Symbicort® (Budesonide/formoterol)</td>
<td></td>
</tr>
<tr>
<td>Duoresp Spiromax® (Budesonide/formoterol)</td>
<td></td>
</tr>
<tr>
<td>Fostair® (Beclometasone/formoterol)</td>
<td></td>
</tr>
<tr>
<td>Flutiform® (Fluticasone propionate/formoterol)</td>
<td></td>
</tr>
<tr>
<td>Relvar Ellipta® (Fluticasone furoate/vilanterol)</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>LAMAs/LABAs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anoro Ellipta® (Umeclidinium/vilanterol)</td>
</tr>
<tr>
<td>Duaklir Genuair® (Aclidinium/formoterol)</td>
</tr>
<tr>
<td>Ultibro Breezhaler® (Glycopyrronium/indacaterol)</td>
</tr>
<tr>
<td>Spiolto Respimat® (Tiotropium/olodaterol)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Spacer devices</th>
</tr>
</thead>
</table>

Page no.: 20

Page no.: 28

Page no.: 32
** Important points to consider before issuing or prescribing inhalers **

- Approximately £1.6 million* was spent in 2015/16 on inhalers within NHSGGC Acute care. A lot of inhaler wastage occurs across NHSGGC Acute and most would be considered preventable.

- Inhaler devices can be expensive. Some devices cost up to £60.

- By adhering to the following recommendations, inhaler wastage could be minimised. Patient safety would also be improved by ensuring patients receive the correct inhaler, strength and device during hospital admission.

- Encourage the use of patient’s own inhalers.

- Always ask patients if they have their own inhaler(s) before ordering or issuing a new inhaler. If patients have their own inhaler(s), check the expiry date and if it is the current inhaler prescribed by the GP. If they don’t have their inhaler, ask if a relative or carer could bring it in at their earliest convenience.

- If a patient is transferred to another ward, ensure inhaler(s) are transferred with the patient. Similarly, if a patient has been transferred from another ward, always check if they have been issued with inhaler(s) prior to transfer.

- Always check what type of inhaler device and strength the patient uses before ordering or issuing a new one. If unsure, discuss with the doctor, clinical pharmacist, or respiratory nurse specialist.

- Ensure the correct device is clearly prescribed on the medicine prescription form (e.g. Accuhaler®, Turbohaler®, Evohaler®) prior to administration.

- Always check if a patient has an inhaler before documenting code ‘13’ (patient self administration) on the medicine prescription form. Do not assume that patients have their own inhalers and they are using them as prescribed.

- When patients are started on inhalers for the first time, inhaler technique should be assessed. Seek advice from pharmacy or respiratory nurse specialist if unsure of the most suitable device.

** Stop and think before ordering, issuing or prescribing inhalers **

* (costs from Ascribe business objects acute database)
Respiratory Inhaler Identification

There are many different inhaler devices available. Examples of the different types of inhaler devices are illustrated to aid identification. Please note however, that different strengths of inhalers may be slightly different colours than those shown. The manufacturer’s packaging may also differ from time to time. The following images are for illustrative purposes only. If the patient does not have any of the inhaler devices illustrated, and you are unsure what device the patient normally uses, please speak to a pharmacist or respiratory nurse specialist for further advice.

This booklet is not intended to be a prescribing guide. Although dosage information is provided for some preparations, always refer to the BNF or manufacturer’s Summary of Product Characteristics (SPC) for current dosage advice and further information.

The examples of the medicine prescription forms (kardexes) are for illustrative purposes only and do not reflect all doses available for each inhaler preparation.

The Asthma UK website has useful information on how to use spacers and different inhaler devices. Refer to the link below to access videos on inhaler technique:
http://www.asthma.org.uk/knowledge-bank-treatment-and-medicines-using-your-inhalers

This is an identification guide and not a prescribing guide. Some inhaler devices may not be included in the NHSGGC Formulary. Please refer to http://www.ggcmedicines.org.uk/ for information on current Formulary status and device guidance prior to prescribing.
Short-acting beta₂ agonist inhalers (SABAs)

**SALBUTAMOL**

Salbutamol  
*MDI (aerosol)  
(brands include Ventolin Evohaler®)  
Strength: 100 micrograms/ metered inhalation

Salamol  
Easi-Breathe®  
(aerosol)  
Strength: 100 micrograms/ metered inhalation

Airomir  
Autohaler®  
(aerosol)  
Strength: 100 micrograms/ metered inhalation

Adult Dose  
*By aerosol inhalation*  
100-200 micrograms; for persistent symptoms up to 4 times daily. Refer to manufacturer’s dosing instructions or BNF for further advice.

Example of medicine prescription form

(*MDI = metered-dose inhaler)
Short-acting beta$_2$ agonist inhalers (SABAs)

SALBUTAMOL

Easyhaler®
Salbutamol
(dry powder)

Strengths: 100, 200 micrograms/metered inhalation$^\wedge$

$^\wedge$Refer to manufacturer’s dosing instructions or BNF for further advice.

Ventolin
Accuhaler®
(dry powder)

Strength: 200 micrograms/blister$^\wedge$

NB. Different strengths of inhalers may be slightly different colours to those illustrated.
TERBUTALINE SULFATE

**Bricanyl**
**Turbohaler**®
(dry powder)

Strength: 500 micrograms/metered inhalation

**Adult Dose**
*By inhalation of powder*
500 micrograms; for persistent symptoms up to 4 times daily. Refer to manufacturer’s dosing instructions or BNF for further advice.

**Example of medicine prescription form**

---

Produced by NHSGGC Medicines Information, February 2017. Endorsed by Respiratory Managed Clinical Network.
Long-acting beta₂ agonist inhalers (LABAs)

SALMETEROL

Serevent Accuhaler®
(dry powder)
Strength: 50 micrograms/blister

Serevent Evohaler®
MDI (aerosol)
Strength: 25 micrograms/metered inhalation

Adult Dose
By inhalation of dry powder
50 micrograms twice daily; up to 100 micrograms twice daily. 
Refer to manufacturer’s dosing instructions or BNF for further advice.

Example of medicine prescription form

Adult Dose
By aerosol inhalation
50 micrograms twice daily; up to 100 micrograms twice daily. 
Refer to manufacturer’s dosing instructions or BNF for further advice.

Example of medicine prescription form

Neovent®
MDI (aerosol)
Strength: 25 micrograms/metered inhalation
Long-acting beta$_2$ agonist inhalers (LABAs)

**FORMOTEROL FUMARATE**

*Oxis Turbohaler*®
(dry powder)
Strengths$^\wedge$: 6, 12 micrograms/metered inhalation

*Formoterol Easyhaler*®
(dry powder)
Strength: 12 micrograms/metered inhalation$^\wedge$

*Atimos Modulite*®
MDI (aerosol)
Strength: 12 micrograms/metered inhalation$^\wedge$

$^\wedge$Refer to manufacturer’s dosing instructions or BNF for further advice.

NB. Different strengths of inhalers may be slightly different colours to those illustrated.
Long-acting beta$_2$ agonist inhalers (LABAs)

**INDACATEROL**

Onbrez Breezhaler®
(inhalation powder, hard capsule)
Strengths: 150, 300 microgram capsules

**Adult Dose:**
*By inhalation of dry powder*
150 micrograms once daily, increased to max. 300 micrograms once daily.
Refer to manufacturer’s dosing instructions or BNF for further advice.

Example of medicine prescription form

Onbrez Breezhaler 150 micrograms

1 puff  Inhal  01/02/13

A N Other (A N OTHER)

NB. Different strengths of inhalers may be slightly different colours to those illustrated.
Long-acting beta$_2$ agonist inhalers (LABAs)

OLODATEROL

Adult Dose:
*By inhalation*
5 micrograms (2 puffs) once daily.
Refer to manufacturer’s dosing instructions or BNF for further advice.

Striverdi Respimat®
(solution for inhalation)
Strength: 2.5 micrograms/inhalation (delivered dose)

Example of medicine prescription form
Short-acting muscarinic antagonist inhalers (SAMAs)

**IPRATROPIUM BROMIDE**

Adult Dose
*By aerosol inhalation*
20-40 micrograms 3-4 times daily. Refer to manufacturer’s dosing instructions or BNF for further advice.

Atrovent®
MDI (aerosol)
Strength: 20 micrograms/metered inhalation

Example of medicine prescription form
Long-acting muscarinic antagonist inhalers (LAMAs)

TIOTROPIUM

Spiriva®
(inhalation powder, hard capsule for use with HandiHaler® device)
Strength: 18 microgram tiotropium capsule

Adult Dose
By inhalation of powder
18 micrograms once daily.
Refer to manufacturer’s dosing instructions or BNF for further advice.

Example of medicine prescription form

Spiriva Respimat®
(solution for inhalation)
Strength: 2.5 micrograms/inhalation (delivered dose)

Adult dose
By inhalation
5 micrograms (2 puffs) once daily. Refer to manufacturer’s dosing instructions or BNF for further advice.

Example of medicine prescription form
Please Note. Addendum to Page 11
New tiotropium formulation available

Braltus®
(inhalation powder, hard capsule for use with Zonda® inhaler)
Strength: 10 microgram tiotropium capsule (delivered dose)

*NB. This is the same delivered dose of tiotropium as Spiriva® HandiHaler®*

Adult dose
By inhalation of powder
Inhalation of the contents of one capsule once daily
Long-acting muscarinic antagonist inhalers (LAMAs)

ACLIDINIUM BROMIDE

Eklira Genuair®
(dry powder)

Strength: 322 micrograms aclidinium/inhalation (delivered dose)

Equivalence: each 400 micrograms metered inhalation of aclidinium bromide delivers 375 micrograms of aclidinium bromide which is equivalent to 322 micrograms of aclidinium.

Adult Dose
By inhalation of dry powder
1 inhalation twice daily.
Refer to manufacturer’s dosing instructions or BNF for further advice.

Example of medicine prescription form
UMECLIDINUM

Incruse Ellipta®
(dry powder)

Strength: 55 micrograms/inhalation (delivered dose)

Adult Dose
By inhalation of dry powder
1 inhalation once daily.
Refer to manufacturer’s dosing instructions or BNF for further advice.

Example of medicine prescription form

Incruse Ellipta 55 micrograms
1 puff Inhal 01/02/13
A N Other (A N OTHER)
Long-acting muscarinic antagonist inhalers (LAMAs)

GLYCOPYRRONIUM

Seebri Breezhaler®
(inhalation powder, hard capsule)

Strength: 44 micrograms/inhalation (delivered dose)

Equivalence: each 50 microgram capsule of glycopyrronium delivers 44 micrograms of glycopyrronium

Adult Dose
By inhalation of powder 1 inhalation once daily. Refer to manufacturer’s dosing instructions or BNF for further advice.

Example of medicine prescription form
Corticosteroid inhalers

**BECLOMETASONE DIPROPIONATE**

**NOTE:**
BECLOMETASONE CFC-FREE AEROSOL INHALERS ARE NOT INTERCHANGEABLE AND MUST BE PRESCRIBED BY BRAND NAME **

Adult Dose
*By aerosol inhalation*
200-400 micrograms twice daily (up to 1mg twice daily)
Refer to manufacturer’s dosing instructions or BNF for further advice.

**Clenil Modulite®**
(CFC-free) MDI (aerosol)
Strengths: 50, 100, 200, 250 micrograms/metered inhalation

Example of medicine prescription form

NB. Different strengths of inhalers may be slightly different colours to those illustrated.
Corticosteroid inhalers

** NOTE: BECLOMETASONE CFC-FREE AEROSOL INHALERS ARE NOT INTERCHANGEABLE AND MUST BE PRESCRIBED BY BRAND NAME **

** BECLOMETASONE DIPROPIONATE **

Qvar® (CFC-free) MDI (aerosol)
Strengths: 50, 100 micrograms/metered inhalation

Qvar Autohaler® (aerosol)
Strengths: 50, 100 micrograms/metered inhalation

Qvar Easi-Breathe® (aerosol)
Strengths: 50, 100 micrograms/metered inhalation

Adult Dose
By aerosol inhalation
50-200 micrograms twice daily (up to 400 micrograms twice daily). Refer to manufacturer’s dosing instructions or BNF for further advice.

Example of medicine prescription form

NB. Different strengths of inhalers may be slightly different colours to those illustrated.
Corticosteroid inhalers

BECLOMETASONE DIPROPIONATE

Easyhaler®
Beclometasone
(dry powder)

Strength^: 200 micrograms/metered inhalation

^Refer to manufacturer’s dosing instructions or BNF for further advice.
Corticosteroid inhalers

**FLUTICASONE PROPIONATE**

**Flixotide Evohaler**
MDI (aerosol)
Strengths: 50, 125, 250 micrograms/metered inhalation

**Flixotide Accuhaler**
(dry powder)
Strengths: 50, 100, 250, 500 micrograms/blister

**Example of medicine prescription form**

NB. Different strengths of inhalers may be slightly different colours to those illustrated.
Corticosteroid inhalers

**BUDESONIDE**

*Pulmicort Turbohaler®*  
(dry powder)  
Strengths\(^\wedge\): 100, 200, 400 micrograms/metered inhalation

*Easyhaler® budeonide*  
(dry powder)  
Strengths\(^\wedge\): 100, 200, 400 micrograms/metered inhalation

*Budelin Novolizer®*  
(dry powder)  
Strengths\(^\wedge\): 200, 400 micrograms/metered inhalation

\(^\wedge\)Refer to manufacturer’s dosing instructions or BNF for further advice.

Example of medicine prescription form

NB. Different strengths of inhalers may be slightly different colours to those illustrated.
Compound preparations (Corticosteroid/ Long-acting beta$_2$ agonist)

**FLUTICASONE PROPIONATE/SALMETEROL**

**Seretide Accuhaler®**
(dry powder)
Strengths$^a$
100 Accuhaler® (fluticasone propionate 100 micrograms/salmeterol 50micrograms per blister)
250 Accuhaler® (fluticasone propionate 250 micrograms/salmeterol 50micrograms per blister)
500 Accuhaler® (fluticasone propionate 500 micrograms/salmeterol 50micrograms per blister)

**Seretide Evohaler®**
MDI (aerosol)
Strengths$^a$
50 Evohaler® (fluticasone propionate 50 micrograms/salmeterol 25micrograms per metered inhalation)
125 Evohaler® (fluticasone propionate 125 micrograms/salmeterol 25micrograms per metered inhalation)
250 Evohaler® (fluticasone propionate 250 micrograms/salmeterol 25micrograms per metered inhalation)

$^a$Refer to manufacturer’s dosing instructions or BNF for further advice.

Example of medicine prescription form

NB. Different strengths of inhalers may be slightly different colours to those illustrated.
Compound preparations (Corticosteroid/ Long-acting beta\textsubscript{2} agonist)

**FLUTICASONE PROPIONATE/SALMETEROL**

**AirFluSal Forspiro\textsuperscript{®}**
(dry powder)

Strength\textsuperscript{a}:
50/500 (salmeterol 50 micrograms/fluticasone propionate 500 micrograms per metered inhalation)

**Sirdupla\textsuperscript{®}**
MDI (aerosol)

Strengths\textsuperscript{a}:
25/125 (salmeterol 25 micrograms/fluticasone propionate 125 micrograms per metered inhalation)
25/250 (salmeterol 25 micrograms/fluticasone propionate 250 micrograms per metered inhalation)

\textsuperscript{a}Refer to manufacturer’s dosing instructions or BNF for further advice.

NB. Different strengths of inhalers may be slightly different colours to those illustrated.
BUDESONIDE/FORMOTEROL FUMARATE

Symbicort Turbohaler®
(dry powder)

Strengths^:
100/6 Turbohaler® (budesonide 100 micrograms/formoterol fumarate 6 micrograms per metered inhalation)
200/6 Turbohaler® (budesonide 200 micrograms/formoterol fumarate 6 micrograms per metered inhalation)
400/12 Turbohaler® (budesonide 400 micrograms/formoterol fumarate 12 micrograms per metered inhalation)

^Refer to manufacturer’s dosing instructions or BNF for further advice.

NB. Different strengths of inhalers may be slightly different colours to those illustrated.
Compound preparations (Corticosteroid/ Long-acting beta$_2$ agonist)

BUDESONIDE/FORMOTEROL FUMARATE

Adult Dose
By aerosol inhalation
Two puffs twice daily. Refer to manufacturer’s dosing instructions or BNF for further advice.

Symbicort® MDI
(aerosol)

Strength: 200/6 (budesonide 200 micrograms/formoterol fumarate 6 micrograms per metered inhalation)
Compound preparations (Corticosteroid/ Long-acting beta₂ agonist)

BUDESONIDE/FORMOTEROL FUMARATE

DuoResp Spiromax®
(dry powder)

Strengths^:
160/4.5 (delivered dose: budesonide 160 micrograms/formoterol fumarate 4.5 micrograms)
Equivalence: each 200 micrograms budesonide and 6 micrograms formoterol fumarate metered inhalation delivers
160 micrograms budesonide and 4.5 micrograms formoterol fumarate

320/9 (delivered dose: budesonide 320 micrograms/formoterol fumarate 9 micrograms)
Equivalence: each 400 micrograms budesonide and 12 micrograms formoterol fumarate metered inhalation delivers
320 micrograms budesonide and 9 micrograms formoterol fumarate

^Refer to manufacturer’s dosing instructions or BNF for further advice.

NB. Different strengths of inhalers may be slightly different colours to those illustrated.
Compound preparations (Corticosteroid/ Long-acting beta<sub>2</sub> agonist)

**BECLOMETASONE DIPROPIONATE/FORMOTEROL FUMARATE**

**Fostair<sup>®</sup>**
**MDI (aerosol)**

Strengths<sup>^</sup>: 100/6 (beclometasone dipropionate 100 micrograms/formoterol fumarate 6 micrograms per metered inhalation)

200/6 (beclometasone dipropionate 200 micrograms/formoterol fumarate 6 micrograms per metered inhalation)

**Fostair NEXThaler<sup>®</sup>**
**(dry powder)**

Strengths<sup>^</sup>: 100/6 (beclometasone dipropionate 100 micrograms/formoterol fumarate 6 micrograms per metered inhalation)

200/6 (beclometasone dipropionate 200 micrograms/formoterol fumarate 6 micrograms per metered inhalation)

Example of medicine prescription form

Example of medicine prescription form

Example of medicine prescription form

Example of medicine prescription form

Example of medicine prescription form

Example of medicine prescription form

Example of medicine prescription form

Example of medicine prescription form

Example of medicine prescription form

**NB. Different strengths of inhalers may be slightly different colours to those illustrated.**

^Refer to manufacturer’s dosing instructions or BNF for further advice.
Compound preparations (Corticosteroid/ Long-acting beta$_2$ agonist)

FLUTICASONE PROPIONATE/FORMOTEROL FUMARATE

Flutiform®
MDI (aerosol)

Strengths\(^{\dagger}\): 50/5 (fluticasone propionate 50 micrograms/formoterol fumarate 5 micrograms per metered inhalation)
125/5 (fluticasone propionate 125 micrograms/formoterol fumarate 5 micrograms per metered inhalation)
250/10 (fluticasone propionate 250 micrograms/formoterol fumarate 10 micrograms per metered inhalation)

\(^{\dagger}\)Refer to manufacturer’s dosing instructions or BNF for further advice.

NB. Different strengths of inhalers may be slightly different colours to those illustrated.
Compound preparations (Corticosteroid/ Long-acting beta$_2$ agonist)

**FLUTICASONE FUROATE/VILANTEROL**

**Relvar Ellipta®**
(dry powder)

Strengths$: 92/22 (delivered dose: fluticasone furoate 92 micrograms/vilanterol 22 micrograms)
Equivalence: each 100 micrograms fluticasone furoate and 25 micrograms vilanterol metered inhalation delivers 92 micrograms fluticasone furoate and 22 micrograms vilanterol

184/22 (delivered dose: fluticasone furoate 184 micrograms/vilanterol 22 micrograms)
Equivalence: each 200 micrograms fluticasone furoate and 25 micrograms vilanterol metered inhalation delivers 184 micrograms fluticasone furoate and 22 micrograms vilanterol

$Refer to manufacturer’s dosing instructions or BNF for further advice.

NB. Contains fluticasone furoate which is more potent than fluticasone propionate and is therefore not equivalent in terms of dosing to fluticasone propionate.

NB. Different strengths of inhalers may be slightly different colours to those illustrated.
Compound preparations (Long-acting muscarinic antagonist/Long-acting beta₂ agonist)

UMECLIDINIUM/VILANTEROL

**Anoro Ellipta®**
(dry powder)
Strength: 55/22 (delivered dose: umeclidinium 55 micrograms/vilanterol 22 micrograms)
Equivalence: each 62.5 micrograms umeclidinium and 25 micrograms vilanterol metered inhalation delivers 55 micrograms umeclidinium and 22 micrograms vilanterol

Adult Dose
*By inhalation of dry powder*
1 inhalation once daily

Example of medicine prescription form
Compound preparations (Long-acting muscarinic antagonist/Long-acting beta₂ agonist)

ACLIDINIUM BROMIDE/FORMOTEROL FUMARATE

**Adult Dose**
*By inhalation of dry powder*
1 inhalation twice daily

Duaklir Genuair®
(dry powder)

Strengths: 340/12 (delivered dose: aclidinium 340 micrograms/formoterol fumarate 11.8 micrograms)
Equivalence: each 400 micrograms aclidinium bromide and 12 micrograms formoterol fumarate metered inhalation delivers 340 micrograms aclidinium and 11.8 micrograms formoterol fumarate

Example of medicine prescription form
GLYCOPYRRONIUM/INDACATEROL

Ultibro Breezhaler®
(inhalation powder, hard capsule)
Strength: 85/43 (delivered dose: indacaterol 85 micrograms/glycopyrronium 43 micrograms)
Equivalence: each capsule contains 110 micrograms indacaterol and 50 micrograms glycopyrronium which delivers 85 micrograms indacaterol and 43 micrograms glycopyrronium

Adult Dose
By inhalation of dry powder
1 inhalation once daily

Example of medicine prescription form
Compound preparations (Long-acting muscarinic antagonist/Long-acting beta₂ agonist)

TIOTROPIUM/OLODATEROL

Adult Dose
By inhalation of solution
2 inhalations once daily

Example of medicine prescription form

Spiolto Respimat®
(inhalation solution)
Strength: 2.5/2.5 (delivered dose: tiotropium 2.5 micrograms/olodaterol 2.5 micrograms)
Spacer devices

Some patients use spacer devices which remove the need for coordination between actuation of a pressurised metered-dose inhaler (MDI) and inhalation. Spacers reduce the velocity of the aerosol and subsequent impaction on the oropharynx and allow more time for evaporation of the propellant so that a larger proportion of the particles can be inhaled and deposited in the lungs.

Spacers should be cleaned once a month and replaced every 6 to 12 months. It is important to prescribe a spacer device that is compatible with the MDI. Spacer devices should not be regarded as interchangeable; patients should be advised not to switch between spacer devices.

**Volumatic®**

- Large-volume device
- Compatible with all GlaxoSmithKline brand MDIs eg. Ventolin®, Serevent®, Flixotide®, Seretide® and also Clenil Modulite®
- Also available with paediatric facemask
Spacer devices

**AeroChamber® Plus**
- Medium-volume device
- For use with all pressurised (aerosol) inhalers*
- Available as standard device (blue), child device (yellow), infant device (orange)
- Also available with facemask

**Able Spacer®**
- Small-volume device
- For use with all pressurised (aerosol) inhalers*
- Available with infant (small), child (medium) or adult (large) mask

**A2A Spacer®**
- For use with all pressurised (aerosol) inhalers*
- Available with small or medium mask

**OptiChamber®**
- For use with all pressurised (aerosol) inhalers*
- Available with small, medium or large mask

**Vortex®**
- Medium-volume device
- For use with all pressurised (aerosol) inhalers*
- Available with infant, child or adult mask

**Pocket Chamber®**
- Small-volume device
- For use with all pressurised (aerosol) inhalers*
- Available with infant, small, medium or large mask

*Please check compatibility of all inhaler devices before prescribing.
If a spacer is required to be used with Flutiform® then Aerochamber Plus® is recommended.