



## SABA

SHORT-ACTING BETA-2 AGONIST




**ProAir HFA**  
METERED DOSE  
(200 inhalations)  
**Albuterol**

4+  
G AG



**ProAir RespiClick**  
DRY POWDER  
(200 inhalations)  
**Albuterol**

4+



**Proventil HFA**  
METERED DOSE  
(200 inhalations)  
**Albuterol**

4+  
G AG



**Ventolin HFA**  
METERED DOSE  
(200 inhalations)  
**Albuterol**

4+  
AG



**Xopenex HFA**  
METERED DOSE  
(200 inhalations)  
**Levalbuterol**

4+  
AG



## SAMA

SHORT-ACTING MUSCARINIC ANTAGONIST



**Atrovent HFA**  
METERED DOSE  
(200 inhalations)  
**Ipratropium**

C



## SAMA + SABA

COMBINATION



**Combivent RespiClick**  
SOFT MIST  
(120 inhalations)  
**Ipratropium/Albuterol**

C




## LABA

LONG-ACTING BETA-2 AGONIST



**Serevent Diskus**  
DRY POWDER  
(60 inhalations)  
**Salmeterol**

4+ 4+  
C




**Striverdi Respimat**  
SOFT MIST  
(60 inhalations)  
**Olodaterol**

C




## LAMA

LONG-ACTING MUSCARINIC ANTAGONIST



**Incruse Ellipta**  
DRY POWDER  
(30 inhalations)  
**Umeclidinium**

C




**Spiriva HandiHaler**  
DRY POWDER  
(30 doses [2 inhalations/capsule])  
**Tiotropium**

C G



**Spiriva Respimat**  
SOFT MIST  
(60 inhalations)  
**Tiotropium**

6+ C




**Tudorza Pressair**  
DRY POWDER  
(60 inhalations)  
**Acclidinium**

C



## LAMA + LABA

COMBINATION



**Anoro Ellipta**  
DRY POWDER  
(30 inhalations)  
**Umeclidinium/Vilanterol**

C



**Bevespi Aerosphere**  
METERED DOSE  
(120 inhalations)  
**Glycopyrrolate/Formoterol**

C



**Duaklir Pressair**  
DRY POWDER  
(60 inhalations)  
**Acclidinium/Formoterol**

C



**Stiolto Respimat**  
SOFT MIST  
(60 inhalations)  
**Tiotropium/Olodaterol**

C




## ICS

INHALED CORTICOSTEROID



**Alvesco**  
METERED DOSE  
(60 inhalations)  
**Ciclesonide**

12+




**Arnuity Ellipta**  
DRY POWDER  
(30 inhalations)  
**Fluticasone furoate**

5+




**Asmanex Twisthaler**  
DRY POWDER  
(110 mcg: 30 inhalations); (220 mcg: 120 inhalations)  
**Mometasone**

4+




**Asmanex HFA**  
METERED DOSE  
(120 inhalations)  
**Mometasone**

5+



**Flovent Diskus** (Brand Discontinued)  
DRY POWDER  
(60 inhalations)  
**Fluticasone propionate**

4+  
AG



**Flovent HFA** (Brand Discontinued)  
METERED DOSE  
(120 inhalations)  
**Fluticasone propionate**

4+  
AG



**Pulmicort Flexhaler**  
DRY POWDER  
(90 mcg: 60 inhalations); (180 mcg: 120 inhalations)  
**Budesonide**

6+



**QVAR RediHaler**  
METERED DOSE  
(120 inhalations)  
**Beclomethasone**

4+



## ICS + LAMA + LABA

COMBINATION



**Breztri Aerosphere**  
METERED DOSE  
(120 inhalations)  
**Budesonide/  
Glycopyrrolate/Formoterol**

C



**Trelegy Ellipta**  
DRY POWDER  
(30 inhalations)  
**Fluticasone furoate/  
Umeclidinium/Vilanterol**

18+ C



## SABA + ICS

COMBINATION




**Airsupra**  
METERED DOSE  
(120 inhalations)  
**Albuterol/Budesonide**

18+




## ICS + LABA

COMBINATION



**Advair Diskus**  
DRY POWDER  
(60 inhalations)  
**Fluticasone prop./Salmeterol**

4+ C  
G AG




**Advair HFA**  
METERED DOSE  
(120 inhalations)  
**Fluticasone prop./Salmeterol**

12+  
AG




**AirDuo RespiClick**  
DRY POWDER  
(60 inhalations)  
**Fluticasone prop./Salmeterol**

12+  
AG



**Breo Ellipta**  
DRY POWDER  
(30 inhalations)  
**Fluticasone furoate/Vilanterol**

5+ C  
AG



**Breyna** (Generic for Symbicort)  
METERED DOSE  
(120 inhalations)  
**Budesonide/Formoterol**

6+ C




**Dulera**  
METERED DOSE  
(120 inhalations)  
**Mometasone/Formoterol**

5+



**Symbicort**  
METERED DOSE  
(120 inhalations)  
**Budesonide/Formoterol**

6+ C  
G AG



**Wixela Inhub** (Generic for Advair Diskus)  
DRY POWDER  
(60 inhalations)  
**Fluticasone prop./Salmeterol**

4+ C

- # Age (years) approved for asthma
- # Age (years) approved for bronchospasm
- C Approved for COPD
- AG Authorized generic available
- G AB-rated generics available (including branded generics)

**NOTE:** SABAs are FDA-approved for bronchospasm in reversible obstructive airway diseases **and** exercise-induced bronchospasm (EIB), except **Xopenex (levalbuterol)** is not indicated for EIB; **Airsupra (albuterol/budesonide)** is indicated as needed for bronchoconstriction and to reduce the risk of asthma exacerbations; **Serevent Diskus (salmeterol)** is indicated for EIB, asthma (**in addition to an ICS**), and COPD. Indications and evidence for individual agents are subject to change and geographic variability.

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# Age (years) approved for asthma

AG Authorized generic available

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# Age (years) approved for bronchospasm

G AB-rated generics available (including branded generics)

C Approved for COPD

Acclidinium TUDORZA PRESSAIR 400 mcg C
Long-Acting Muscarinic Antagonist

Acclidinium/Formoterol DUAKLIR PRESSAIR 400/12 mcg C
Long-Acting Muscarinic Antagonist/ Long-Acting Beta-2 Agonist

Albuterol PROAIR, PROVENTIL, VENTOLIN 90 mcg 4+ G AG
Short-Acting Beta-2 Agonist
Note: No generic currently available for ProAir RespiClick

Albuterol/Budesonide AIRSUPRA 90/80 mcg 18+
Short-Acting Beta-2 Agonist/ Inhaled Corticosteroid

Beclomethasone QVAR REDHALER 40, 80 mcg 4+
Inhaled Corticosteroid

Budesonide PULMICORT FLEXHALER 90, 180 mcg 6+
Inhaled Corticosteroid

Budesonide/Formoterol SYMBICORT 80/4.5, 160/4.5 mcg 6+ C G AG
Inhaled Corticosteroid/ Long-Acting Beta-2 Agonist
Breyna is a generic for Symbicort

Budesonide/Glycopyrrolate/Formoterol BREZTRI AEROSPHERE 160/9/4.8 mcg C
Inhaled Corticosteroid/ Long-Acting Muscarinic Antagonist/Long-Acting Beta-2 Agonist

Ciclesonide ALVESCO 80, 160 mcg 12+
Inhaled Corticosteroid

Fluticasone furoate ARNUITY ELLIPTA 50, 100, 200 mcg 5+
Inhaled Corticosteroid

Fluticasone propionate FLOVENT DISKUS 50, 100, 250 mcg 4+ AG
Inhaled Corticosteroid
Note: Flovent branded products discontinued

Fluticasone/Salmeterol AIRDUO RESPICLICK 55/14, 113/14, 232/14 mcg 12+ AG
Inhaled Corticosteroid/ Long-Acting Beta-2 Agonist
Wixela Inhub is a generic for Advair Diskus

Fluticasone/Salmeterol ADVAIR DISKUS 100/50, 250/50, 500/50 mcg 4+ C G AG
Inhaled Corticosteroid/ Long-Acting Beta-2 Agonist

Fluticasone/Umeclidinium/Vilanterol TRELEGY ELLIPTA 100/62.5/25 mcg 18+ C
Inhaled Corticosteroid/ Long-Acting Muscarinic Antagonist/Long-Acting Beta-2 Agonist

Fluticasone/Vilanterol BREO ELLIPTA 50/25, 100/25, 200/25 mcg 5+ C AG
Inhaled Corticosteroid/ Long-Acting Beta-2 Agonist

Glycopyrrolate/Formoterol BEVESPI AEROSPHERE 9/4.8 mcg C
Long-Acting Muscarinic Antagonist/ Long-Acting Beta-2 Agonist

Ipratropium ATROVENT HFA 17 mcg C
Short-Acting Muscarinic Antagonist

Ipratropium/Albuterol COMBIVENT RESPIMAT 20/100 mcg C
Short-Acting Muscarinic Antagonist/ Short-Acting Beta-2 Agonist

Levalbuterol XOPENEX 45 mcg 4+ AG
Short-Acting Beta-2 Agonist

Mometasone ASMANEX TWISTHALER 110, 220 mcg 4+
Inhaled Corticosteroid

Mometasone ASMANEX HFA 50, 100, 200 mcg 5+
Inhaled Corticosteroid

Mometasone/Formoterol DULERA 50/5, 100/5, 200/5 mcg 5+
Inhaled Corticosteroid/ Long-Acting Beta-2 Agonist

Olodaterol STRIVERDI RESPIMAT 2.5 mcg C
Long-Acting Beta-2 Agonist

Salmeterol SEREVENT DISKUS 50 mcg 4+ 4+ C
Long-Acting Beta-2 Agonist

Tiotropium SPIRIVA HANDHALER 18 mcg C G
Long-Acting Muscarinic Antagonist

Tiotropium SPIRIVA RESPIMAT 1.25, 2.5 mcg 6+ C
Long-Acting Muscarinic Antagonist

Tiotropium/Olodaterol STIOLTO RESPIMAT 2.5/2.5 mcg C
Long-Acting Muscarinic Antagonist/ Long-Acting Beta-2 Agonist

Umeclidinium INCRUSE ELLIPTA 62.5 mcg C
Long-Acting Muscarinic Antagonist

Umeclidinium/Vilanterol ANORO ELLIPTA 62.5/25 mcg C
Long-Acting Muscarinic Antagonist/ Long-Acting Beta-2 Agonist



ICS DAILY DOSE CATEGORIZATION

IN ADULTS AND CHILDREN AGES 6 YEARS AND UP

Table with 5 columns: ICS (DELIVERY), Age, Low, Medium, High. Rows include Beclomethasone (MDI), Budesonide (DPI), Ciclesonide (MDI), Fluticasone furoate (DPI), Fluticasone prop. (DPI), Fluticasone prop. (MDI), Mometasone (DPI), and Mometasone (MDI).



ICS DAILY LOW DOSE CATEGORIZATION

IN CHILDREN AGES 5 YEARS AND YOUNGER

Table with 2 columns: ICS (DELIVERY), LOW TOTAL DAILY DOSE (MCG/DAY) (Age group with adequate safety & efficacy data). Rows include Beclomethasone (MDI), Budesonide (nebulized), Ciclesonide (MDI), Fluticasone furoate (DPI), Fluticasone prop. (MDI), and Mometasone (MDI).

DPI: Dry-powder inhaler
MDI: Metered-dose inhaler

References: [1] 2024 GINA Report: Global Strategy for Asthma Management and Prevention; [2] FDA Prescribing Information for the individual medications.

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