

Clinical Policy: Inhaled Agents for Asthma and COPD

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Line of Business: Youthcare Healthchoice Illinois

Revision Log

See <u>Important Reminder</u> at the end of this policy for important regulatory and legal information.

### Description

The following are inhaled agents for asthma and/or chronic obstructive pulmonary disease (COPD) requiring prior authorization:

- Short acting beta-2 agonist (SABA): albuterol (ProAir Respiclick® Ventolin HFA®, Xoponex®)
- Inhaled corticosteroid (ICS): budesonide (Pulmicort Respules<sup>®</sup>\*, Pulmicort Flexhaler<sup>™</sup>), ciclesonide (Alvesco<sup>®</sup>), mometasone (Asmanex HFA<sup>®</sup>)
- Long acting beta-2 agonist (LABA): arformoterol (Brovana<sup>®</sup>), formoterol (Perforormist), indacaterol (Arcapta<sup>®</sup> Neohaler<sup>®</sup>), olodaterol (Striverdi<sup>®</sup> Respimat<sup>®</sup>)
- Long acting muscarinic antagonist (LAMA): glycopyrrolate (Seebri<sup>™</sup> Neohaler<sup>®</sup>, Lonhala<sup>®</sup> Magnair<sup>®</sup>), revefenacin (Yupelri<sup>®</sup>)
- Combination ICS/LABA: fluticasone/vilanterol (Breo Ellipta®)
- Combination LABA/LAMA: aclidnium/formoterol (Duaklir<sup>®</sup> Pressair<sup>®</sup>), glycopyrrolate/formoterol (Bevespi Aerosphere<sup>™</sup>), indacaterol/glycopyrrolate (Utibron<sup>™</sup> Neohaler<sup>®</sup>), tiotropium/olodaterol (Stiolto<sup>®</sup> Respimat<sup>®</sup>)
- Combination ICS/LAMA/LABA: fluticasone/umeclidinium/vilanterol (Trelegy<sup>™</sup> Ellipta<sup>®</sup>), budesonide/glycopyrrolate/formoterol (Breztri Aerosphere<sup>™</sup>)

### **FDA** Approved Indication(s)

ProAir Digihaler is indicated for the treatment or prevention of bronchospasm in adults, adolescents, and children 4 years of age and older with reversible obstructive airway disease. ProAir Digihaler is also indicated for the prevention of exercise-induced bronchospasm (EIB) in patients 4 years of age and older.

The other inhaled agents are indicated as follows:

| Drug Name           | Asthma                         | COPD |
|---------------------|--------------------------------|------|
| ICS                 |                                |      |
| Alvesco             | $X (Age \ge 12 \text{ years})$ |      |
| ArmonAir Digihaler  | $X (Age \ge 4 \text{ years})$  |      |
| Asmanex HFA         | $X (Age \ge 5 \text{ years})$  |      |
| Pulmicort Flexhaler | $X (Age \ge 6 \text{ years})$  |      |
| Pulmicort Respules  | X (Age 1-8 years)              |      |
| LABA                |                                |      |
| Arcapta Neohaler    |                                | X    |
| Brovana             |                                | X    |

<sup>\*</sup>Generic agents do not require prior authorization.



| Drug Name          | Asthma                                  | COPD |
|--------------------|---|------|
| Perforomist        |   | X    |
| Striverdi Respimat |   | X    |
| LAMA               |   |      |
| Lonhala Magnair    |   | X    |
| Seebri Neohaler    |   | X    |
| Yupelri            |   | X    |
| ICS/LABA           |   |      |
| Breo Ellipta       | $X (Age \ge 5 \text{ years})$           | X    |
| LABA/LAMA          |   |      |
| Bevespi Aerosphere |   | X    |
| Duaklir Pressair   |   | X    |
| Stiolto Respimat   |   | X    |
| Utibron Neohaler   |   | X    |
| ICS/LABA/LAMA      |   |      |
| Breztri Aerosphere |   | X    |
| Trelegy Ellipta    | $X \text{ (Age } \ge 18 \text{ years)}$ | X    |

### Policy/Criteria

Provider must submit documentation (such as office chart notes, lab results or other clinical information) supporting that member has met all approval criteria.

It is the policy of health plans affiliated with Centene Corporation<sup>®</sup> that inhaled agents for asthma and COPD are **medically necessary** when the following criteria are met:

### I. Initial Approval Criteria

- **A. Inhaled Agents for Asthma or Chronic Obstructive Pulmonary Disease** (must meet all):
  - 1. Diagnosis of asthma or COPD as FDA-approved for the requested agent (*see FDA Approved Indications section*);
  - 2. Age is one of the following (a or b):
    - a. Asthma: Appropriate age limit per the prescribing information for the requested agent (see FDA Approved Indications section);
    - b. COPD:  $\geq$  18 years;
  - 3. Failure of the following formulary agent(s) at up to maximally indicated doses, unless clinically significant adverse effects are experienced or all are contraindicated:

| Requested Agent        | Required Step Through Agent(s)                          |
|------------------------|---|
| ProAir Digihaler,      | Two generic albuterol sulfate HFA products, each from   |
| Xoponex®, Xoponex      | a different manufacturer                                |
| HFA®, ProAir           |   |
| Respiclick®, Ventolin, |   |
| Ventolin HFA ®         |   |
| Brand Pulmicort        | Medical justification supports inability to use generic |
| Respules               | Pulmicort Respules (e.g., contraindications to          |



| Requested Agent  | Required Step Through Agent(s)  |
|--|---|
| •  | excipients) AND either age is between 1 to 8 years or   |
|  | documentation supports inability to use inhaler devices   |
| All other ICS: Alvesco,<br>ArmonAir Digihaler,<br>Arnuity <sup>®</sup> Ellipta <sup>®</sup> ,<br>Asmanex HFA, Flovent<br>Diskus, Pulmicort<br>Flexhaler, Qvar <sup>®</sup><br>RediHaler <sup>™</sup> , | Asmanex® Twisthaler   |
| LABA: Arcapta<br>Neohaler, Brovana,<br>Perforomist, Striverdi<br>Respimat  | Serevent® Diskus®, unless request is for a nebulized LABA and documentation supports inability to use inhaler devices   |
| LAMA: Lonhala Magnair, Seebri Neohaler, , Yupelri Generic fluticasone/salmeterol products (eg. Wixela  | Spiriva, Spiriva Respimat, Incruse <sup>®</sup> Ellipta <sup>®</sup> , unless request is for a nebulized LAMA and documentation supports inability to use inhaler devices  Medical justification supports inability to use Brand products Advair Diskus, <sup>™</sup> (e.g., contraindications to excipients) |
| Inhub)   | -   |
| Generic Symbicort,<br>Symbicort Aerosphere   | Medical justification supports inability to use Brand Symbicort (e.g., contraindications to excipients)   |
| Breo Ellipta   | <ul> <li>For age ≥ 6 years: fluticasone/salmeterol ( Advair Diskus ) <i>AND</i> budesonide/formoterol ( Symbicort)</li> <li>For age &lt; 6 years: fluticasone/salmeterol (Advair Diskus )</li> </ul>  |
| LABA/LAMA: Bevespi<br>Aerosphere, Duaklir<br>Pressair, Stiolto<br>Respimat, Utibron<br>Neohaler  | <ul> <li>For COPD only: one LABA (e.g., Serevent Diskus) in combination with one LAMA (e.g., Anoro Ellipta, Incruse Ellipta)</li> <li>For asthma only: fluticasone/salmeterol (brand Advair Diskus) AND budesonide/formoterol (brand Symbicort)</li> </ul>  |
| ICS/LABA/LAMA: Breztri Aerosphere, Trelegy Ellipta   | <ul> <li>For COPD only: one LABA (e.g., Serevent Diskus) in combination with one LAMA (e.g., Anoro Ellipta, Incruse Ellipta)</li> <li>For asthma only: fluticasone/salmeterol (brandAdvair Diskus) <i>OR</i> budesonide/formoterol (Symbicort)</li> </ul>   |

- 4. For requests for an agent with a digital component (e.g., Digihaler products): Medical justification supports necessity of the digital component (i.e., rationale why inhaler usage cannot be tracked manually);
- 5. Request does not exceed one of the following (a or b):
  - a. The health plan quantity limit;



b. The FDA-approved maximum dose for the relevant indication (see *Section V*). **Approval duration: 12 months** 

### **B. Other diagnoses/indications** (must meet 1 or 2):

- 1. If this drug has recently (within the last 6 months) undergone a label change (e.g., newly approved indication, age expansion, new dosing regimen) that is not yet reflected in this policy, refer to one of the following policies (a or b):
  - a. For drugs on the formulary (commercial, health insurance marketplace) or PDL (Medicaid), the no coverage criteria policy for the relevant line of business: CP.PMN.255 for Medicaid; or
  - b. For drugs NOT on the formulary (commercial, health insurance marketplace) or PDL (Medicaid), the non-formulary policy for the relevant line of business: CP.PMN.16 for Medicaid; or
- 2. If the requested use (e.g., diagnosis, age, dosing regimen) is NOT specifically listed under section III (Diagnoses/Indications for which coverage is NOT authorized) AND criterion 1 above does not apply, refer to the off-label use policy for the relevant line of business: CP.PMN.53 for Medicaid.

### **II. Continued Therapy**

### **A. Inhaled Agents for Asthma or Chronic Obstructive Pulmonary Disease** (must meet all):

- 1. Member meets one of the following (a or b):
  - a. Currently receiving medication via Centene benefit or member has previously met initial approval criteria;
  - b. Member is currently receiving medication and is enrolled in a state and product with continuity of care regulations (*refer to state specific addendums for CC.PHARM.03A and CC.PHARM.03B*);
- 2. Member is responding positively to therapy;
- 3. If request is for a dose increase, request does not exceed one of the following (a or b):
  - a. The health plan quantity limit;
  - b. The FDA-approved maximum dose for the relevant indication (see *Section V*).

### **Approval duration: 12 months**

### **B.** Other diagnoses/indications (must meet 1 or 2):

- 1. If this drug has recently (within the last 6 months) undergone a label change (e.g., newly approved indication, age expansion, new dosing regimen) that is not yet reflected in this policy, refer to one of the following policies (a or b):
  - a. For drugs on the formulary (commercial, health insurance marketplace) or PDL (Medicaid), the no coverage criteria policy for the relevant line of business: CP.PMN.255 for Medicaid; or
  - For drugs NOT on the formulary (commercial, health insurance marketplace) or PDL (Medicaid), the non-formulary policy for the relevant line of business: CP.PMN.16 for Medicaid; or
- 2. If the requested use (e.g., diagnosis, age, dosing regimen) is NOT specifically listed under section III (Diagnoses/Indications for which coverage is NOT authorized) AND



criterion 1 above does not apply, refer to the off-label use policy for the relevant line of business: CP.PMN.53 for Medicaid.

### III. Diagnoses/Indications for which coverage is NOT authorized:

**A.** Non-FDA approved indications, which are not addressed in this policy, unless there is sufficient documentation of efficacy and safety according to the off label use policies – CP.PMN.53 for Medicaid or evidence of coverage documents.

### IV. Appendices/General Information

 $Appendix \ A: \ Abbreviation/Acronym \ Key$ 

COPD: chronic obstructive pulmonary

disease

EIB: exercise-induced bronchospasm

FDA: Food and Drug Administration

ICS: inhaled corticosteroid

GINA: Global Initiative for Asthma

GOLD: Global Initiative for Chronic

Obstructive Lung Disease

LABA: long acting beta-2 agonist

LAMA: long acting muscarinic antagonist

SABA: short acting beta-2 agonist

Appendix B: Therapeutic Alternatives

This table provides a listing of preferred alternative therapy recommended in the approval criteria. The drugs listed here may not be a formulary agent for all relevant lines of business

and may require prior authorization.

| Drug Name                                       | Dosing Regimen   | Dose Limit/<br>Maximum Dose  |
|---|--|--|
| albuterol (Proventil<br>HFA®, Ventolin<br>HFA®) | Metered-dose inhaler (MDI): 2 puffs every 4 to 6 hours as needed  Nebulization solution: 2.5 mg via oral inhalation every 6 to 8 hours as needed | MDI: 12 puffs/day  Nebulization solution: 4 doses/day or 10 mg/day  Higher maximum dosages for inhalation products have been recommended in National Asthma Education and Prevention Program guidelines for acute exacerbations of asthma. |
| Arnuity Ellipta<br>(fluticasone furoate)        | Asthma:<br>≥ 12 years: 100-200 mcg inhaled QD<br>5-11 years: 50 mcg inhaled QD   | Asthma:<br>≥ 12 years: 200<br>mcg/day<br>5-11 years: 50<br>mcg/day   |
| budesonide/formoterol<br>(Symbicort)            | Asthma: 2 inhalations BID  | Asthma/COPD:<br>160/4.5 mcg BID  |



| Drug Name                                 | Dosing Regimen  | Dose Limit/<br>Maximum Dose |  |
|---|---|-----------------------------|--|
|   | COPD: 2 inhalations (160/4.5 mcg) BID                                 |                             |  |
| fluticasone/salmeterol<br>(Advair Diskus, | Asthma: 1 inhalation BID (starting dosage is based on asthma severity | Asthma: 500/50 mcg<br>BID   |  |
| Wixela Inhub)                             | COPD: 1 inhalation of 250/50 mcg BID                                  | COPD: 250/50 mcg<br>BID     |  |
| Incruse Ellipta (umeclidinium)            | COPD: 1 inhalation (62.5 mcg) QD                                      | COPD: 62.5 mcg/day          |  |
| Qvar RediHaler                            | Asthma:   | Asthma:                     |  |
| (beclomethasone)                          | $\geq$ 12 years: 40 mcg, 80 mcg, 160 mcg,                             | ≥ 12 years: 640             |  |
|   | or 320 mcg inhaled BID  | mcg/day                     |  |
|   | 4-11 years: 40 mcg or 80 mcg inhaled                                  | 4-11 years: 160             |  |
|   | BID   | mcg/day                     |  |
| Serevent (salmeterol)                     | Asthma/COPD: 1 inhalation (50 mcg)                                    | Asthma/COPD: 100            |  |
|   | BID   | mcg/day                     |  |
| Tudorza Pressair                          | COPD: 1 inhalation (400 mcg) BID                                      | COPD: 800 mcg/day           |  |
| (aclidinium)                              |   |                             |  |
| Asmanex HFA                               | Asthma: 2 inhalations BID (starting                                   | 800 mcg/day                 |  |
|   | dosage is based on age and asthma                                     |                             |  |
|   | severity)   |                             |  |

Therapeutic alternatives are listed as Brand name® (generic) when the drug is available by brand name only and generic (Brand name®) when the drug is available by both brand and generic.

### Appendix C: Contraindications/Boxed Warnings

- Contraindication(s):
  - All agents: hypersensitivity to any component of the requested agent or the following as additionally specified:
    - Advair Diskus, AirDuo Digihaler/RespiClick, Anoro Ellipta, ArmonAir Digihaler, Asmanex Twisthaler, Breo Ellipta, Flovent Diskus, Flovent HFA, Pulmicort Flexhaler, Trelegy Ellipta: milk proteins
    - Brovana: racemic formoterol
  - Advair HFA/Diskus, AirDuo Digihaler/RespiClick, Alvesco, ArmonAir Digihaler, Asmanex Twisthaler, Breo Ellipta, Dulera, Flovent Diskus, Flovent HFA, Pulmicort Flexhaler/Respules, Trelegy Ellipta: primary treatment of status asthmaticus or acute episodes of asthma or COPD requiring intensive measures
  - Anoro Ellipta, Arcapta Neohaler, Bevespi Aerosphere, Brovana, Duaklir Pressair, Stiolto Respimat, Striverdi Respimat, Perforomist, Utibron Neohaler: use of a LABA without an ICS in patients with asthma
- Boxed warning(s): none reported

### Appendix D: General Information

 Although inhaler devices with a digital component may offer increased convenience with tracking of inhaler usage, there is currently no evidence that this leads to improved clinical outcomes, including safety and effectiveness.



- Per the Global Initiative for Chronic Obstructive Lung Disease (GOLD) COPD guidelines, combination therapy (LAMA + LABA or ICS + LAMA + LABA) is recommended for Group B and E patients (i.e., those who are very symptomatic or are at high risk of exacerbation). Selection of which combination to use depends on the individual patient:
  - o For those with more severe symptoms, LAMA + LABA may be used.
  - o For those who are inadequately controlled by dual therapy or with blood eosinophil counts at least 300 cells/uL, triple therapy with ICS + LAMA + LABA may be used.
  - As of the 2023 guideline update, use of LABA + ICS in COPD is no longer encouraged. If there is an indication for an ICS, then LABA + LAMA + ICS has been shown to be superior to LABA + ICS and is therefore the preferred choice.
- Historical management of asthma has involved an as-needed short-acting beta agonist for reliever therapy, with stepwise approach to add on controller maintenance therapies such as inhaled corticosteroids and long-acting beta agonists. In 2019, the Global Initiative for Asthma (GINA) guidelines for asthma management and prevention began recommending that inhaled corticosteroids be initiated as soon as possible after diagnosis of asthma, including use as reliever therapy (to be administered as-needed alongside a short-acting beta agonist). The National Asthma Education and Prevention Program from the National Heart, Lung, and Blood Institute followed suit with their recommendations in 2020.
- Alvesco: Use in pediatric patients < 12 years of age: Two identically designed randomized, double-blind, parallel, placebo-controlled clinical trials of 12-weeks treatment duration were conducted in 1,018 patients aged 4 to 11 years with asthma but efficacy was not established. In addition, one randomized, double-blind, parallel, placebo-controlled clinical trial did not establish efficacy in 992 patients aged 2 to 6 years with asthma.
- Trelegy Ellipta: In its pivotal trial for asthma, all patients enrolled were inadequately controlled on their current treatments of combination therapy (ICS + LABA). In addition, per the GINA guidelines, the addition of a LAMA to combination medium/high dose ICS + LABA can be considered as an alternative controller option at steps 4/5, following use of /medium/high dose ICS + LABA.

### V. Dosage and Administration

| Drug Name     | Indication | Dosing Regimen                        | <b>Maximum Dose</b> |
|---------------|------------|---------------------------------------|---------------------|
| Advair Diskus | Asthma     | 1 inhalation BID (starting dosage is  | 500/50 mcg BID      |
|               |            | based on asthma severity)             |                     |
|               | COPD       | 1 inhalation of 250/50 mcg BID        | 250/50 mcg BID      |
| Advair HFA    | Asthma     | 2 inhalations BID (starting dosage is | 2 inhalations of    |
|               |            | based on asthma severity)             | 230/21 mcg BID      |
| AirDuo        | Asthma     | 1 inhalation BID (starting dosage is  | 232/14 mcg BID      |
| Digihaler     |            | based on asthma severity)             |                     |
| AirDuo        | Asthma     | 1 inhalation BID (starting dosage is  | 232/14 mcg BID      |
| RespiClick    |            | based on asthma severity)             |                     |
| Alvesco       | Asthma     | Starting dose for patients who        | 320 mcg/day         |
|               |            | received bronchodilators alone: 80    |                     |
|               |            | mcg inhaled BID                       |                     |
|               |            |                                       |                     |



| Drug Name             | Indication | Dosing Regimen   | <b>Maximum Dose</b> |
|-----------------------|------------|--|---------------------|
|                       |            | Starting dose for patients who received inhaled corticosteroids: 80 mcg inhaled BID  | 640 mcg/day         |
|                       |            | Starting dose for patients who received oral corticosteroids: 320 mcg inhaled BID  | 640 mcg/day         |
| Anoro Ellipta         | COPD       | One inhalation by mouth QD   | 1 inhalation/day    |
| Arcapta<br>Neohaler   | COPD       | 75 mcg inhaled orally QD   | 75 mcg/day          |
| ArmonAir<br>Digihaler | Asthma     | 1 inhalation BID (starting dosage is based on asthma severity and age)   | 232 mcg BID         |
| Asmanex<br>Twisthaler | Asthma     | Dose varies based on previous therapy and age: 1 inhalation QD-BID   | 880 mcg/day         |
| Bevespi<br>Aerosphere | COPD       | 2 inhalations BID  | 4 inhalations/day   |
| Breo Ellipta          | Asthma     | Age ≥ 18 years: 1 inhalation of<br>100/25 or 200/25 mcg QD<br>Age 12-17 years: 1 inhalation of<br>100/25 mcg QD<br>Age 5-11 years: 1 inhalation of<br>50/25 mcg QD | 200/25 mcg/day      |
|                       | COPD       | 1 inhalation of 100/25 mcg QD  | 100/25 mcg/day      |
| Breztri<br>Aerosphere | COPD       | 2 inhalations by mouth BID   | 4 inhalations/day   |
| Brovana               | COPD       | One 15 mcg/2 mL vial inhaled via nebulizer every 12 hours  | 30 mcg/day          |
| Duaklir<br>Pressair   | COPD       | One inhalation by mouth BID  | 2 inhalations/day   |
| Dulera                | Asthma     | Age 5 to 11 years: 2 inhalations of 50/5 mcg BID   | 200/5 mcg/day       |
|                       |            | Age ≥ 12 years: 2 inhalations of 100/5 mcg or 200/5 mcg BID (starting dosage is based on asthma severity)  | 800/20 mcg/day      |
| Flovent<br>Diskus     | Asthma     | 1 inhalation BID (starting dosage is based on asthma severity)   | 2,000 mcg/day       |
| Flovent HFA           | Asthma     | Patients aged 12 years and older: 88 mcg twice daily up to a maximum dosage of 880 mcg twice daily. Pediatric patients aged 4 to 11 years: 88 mcg twice daily      | 880 mcg BID         |
| Lonhala<br>Magnair    | COPD       | One 25 mcg vial inhaled via nebulizer BID  | 50 mcg/day          |



| Drug Name          | Indication    | Dosing Regimen                        | <b>Maximum Dose</b> |
|--------------------|---------------|---------------------------------------|---------------------|
| Perforomist        | COPD          | One 20 mcg/2 mL vial inhaled via      | 40 mcg/day          |
|                    |               | nebulizer every 12 hours              |                     |
| ProAir             | Treatment or  | 2 inhalations every 4 to 6 hours      | 12 inhalations/day  |
| Digihaler          | prevention of | •                                     |                     |
|                    | bronchospasm  |                                       |                     |
|                    | Prevention of | 2 inhalations 15 to 30 minutes        | 2 inhalations       |
|                    | EIB           | before exercise                       | before exercise     |
| Pulmicort          | Asthma        | Starting dose of 180-360 mcg          | 720 mcg BID         |
| Flexhaler          |               | inhaled BID                           |                     |
| Pulmicort          | Asthma        | Starting dose for patients who        | Bronchodilator      |
| Respules           |               | received bronchodilators alone or     | alone: 0.5 mg/day   |
|                    |               | inhaled corticosteroids: 0.5 mg       |                     |
|                    |               | inhaled per day (0.5 mg QD or 0.25    | Inhaled or oral     |
|                    |               | mg BID; for inhaled corticosteroids,  | corticosteroid: 1   |
|                    |               | may go up to 0.5 mg BID)              | mg/day              |
|                    |               |                                       |                     |
|                    |               | Starting dose for patients who        |                     |
|                    |               | received oral corticosteroids: 1 mg   |                     |
|                    |               | inhaled per day (1 mg QD or 0.5 mg    |                     |
| Caalani            | COPD          | BID)                                  | 2 inhalations/day   |
| Seebri<br>Neohaler | COPD          | One inhalation (15.6 mcg) BID         | 2 inhalations/day   |
| Spiriva            | COPD          | Two inhalations (18 mcg) QD           | 18 mcg/day          |
| Handihaler         | COLD          | 1 wo lilitatations (18 fileg) QD      | 16 mcg/day          |
| Spiriva            | Asthma        | Two inhalations (1.25 mcg) QD         | 2.5 mcg/day         |
| Respimat           | COPD          | Two inhalations (2.5 mcg) QD          | 5 mcg/day           |
| Stiolto            | COPD          | Two inhalations by mouth QD at the    | 2 inhalations/day   |
| Respimat           | COLD          | same time of day                      | 2 milatations/day   |
| Striverdi          | COPD          | Two inhalations QD                    | 5 mcg/day           |
| Respimat           | COLD          | Two initialitions QD                  | 3 meg, day          |
| Symbicort          | Asthma        | 2 inhalations BID (starting dosage is | 320/9 mcg BID       |
|                    |               | based on asthma severity)             |                     |
|                    | COPD          | 2 inhalations (160/4.5 mcg) BID       | 320/9 mcg BID       |
| Symbicort          | COPD          | 2 inhalations (160/4.8 mcg) BID       | 320/9.6 mcg BID     |
| Aerosphere         |               | ,                                     |                     |
| Trelegy            | COPD          | 1 inhalation (100/62.5/26 mcg) by     | 1 inhalation/day    |
| Ellipta            |               | mouth QD                              |                     |
|                    | Asthma        | 1 inhalation (100/62.5/26 mcg or      | 1 inhalation/day    |
|                    |               | 200/62.5/26 mcg) by mouth QD          | -                   |
| Utibron            | COPD          | Inhalation of the contents of one     | 2 capsules/day      |
| Neohaler           |               | capsule BID                           |                     |
| Yupelri            | COPD          | One 175 mcg mcg vial inhaled via      | 175 mcg/day         |
|                    |               | nebulizer QD                          |                     |

### VI. Product Availability



| Drug Name          | Availability  |
|--------------------|---|
| Advair Diskus      | Inhalation powder containing fluticasone/salmeterol: 100/50 mcg, 250/50       |
| Tavan Diskas       | mcg, 500/50 mcg   |
| Advair HFA         | Inhalation aerosol containing fluticasone/salmeterol: 45/21 mcg, 115/21       |
| Tavaii III II      | mcg, 230/21 mcg   |
| AirDuo             | Inhalation powder: In each actuation: 55/14 mcg contains 55 mcg of            |
| Digihaler          | fluticasone propionate and 14 mcg of salmeterol; 113/14 mcg contains          |
| 8                  | 113 mcg of fluticasone propionate and 14 mcg of salmeterol; 232/14 mcg        |
|                    | contains 232 mcg of fluticasone propionate and 14 mcg of salmeterol.          |
|                    | AirDuo Digihaler contains a built-in electronic module                        |
| AirDuo             | Inhalation powder: In each actuation: 55 mcg/14 mcg contains 55 mcg of        |
| RespiClick         | fluticasone propionate and 14 mcg of salmeterol; 113 mcg/14 mcg               |
| 1                  | contains 113 mcg of fluticasone propionate and 14 mcg of salmeterol; 232      |
|                    | mcg/14 mcg contains 232 mcg of fluticasone propionate and 14 mcg of           |
|                    | salmeterol  |
| Alvesco            | Inhalation aerosol: 80 mcg/actuation, 160 mcg/actuation                       |
| Anoro Ellipta      | Inhalation powder: 62.5 mcg umeclidinium and 25 mcg vilanterol                |
|                    | (62.5/25 mcg) per actuation   |
| Arcapta            | Inhalation powder hard capsules: 75 mcg                                       |
| Neohaler           |   |
| ArmonAir           | Inhalation powder containing 30 mcg, 55 mcg, 113 mcg, or 232 mcg of           |
| Digihaler          | fluticasone propionate per actuation. ArmonAir Digihaler contains a built-    |
|                    | in electronic module  |
| Asmanex            | Inhalation device: 110 mcg (delivers 100 mcg/actuation), 220 mcg              |
| Twisthaler         | (delivers 200 mcg/actuation)  |
| Besvespi           | Inhalation aerosol: pressurized metered dose inhaler containing a             |
| Aerosphere         | combination of glycopyrrolate (9 mcg) and formoterol fumarate (4.8 mcg)       |
| D 5111             | per inhalation; two inhalations equal one dose                                |
| Breo Ellipta       | Foil blister strips with inhalation powder containing fluticasone/vilanterol: |
| D                  | 50/25 mcg, 100/25 mcg, 200/25 mcg   |
| Breztri            | Inhalation aerosol: pressurized metered dose inhaler containing a             |
| Aerosphere         | combination of budesonide (160 mcg), glycopyrrolate (9 mcg), and              |
| Description        | formoterol fumarate (4.8 mcg) per inhalation                                  |
| Brovana<br>Duaklir | Inhalation solution (unit-dose vial for nebulization): 15 mcg/2 mL            |
| Pressair           | Inhalation powder: 30 and 60 metered dose dry powder inhaler metering         |
| Fiessaii           | 400 mcg aclidinium bromide and 12 mcg formoterol fumarate per actuation       |
| Dulera             | Inhalation aerosol containing mometasone/formoterol: 50/5 mcg, 100/5          |
| Duicia             | mcg, 200/5 mcg per actuation  |
| Flovent            | Inhalation powder: Inhaler containing fluticasone propionate (50, 100, or     |
| Diskus             | 250 mcg) as a powder formulation for oral inhalation                          |
| Flovent HFA        | Inhalation aerosol: 44 mcg, 110 mcg, 220 mcg per actuation                    |
| Lonhala            | Sterile solution for inhalation in a unit-dose vial: 25 mcg/mL                |
| Magnair            | Scena solution for initiatation in a unit dose viai. 25 meg/init              |
| Perforomist        | Inhalation solution (unit dose vial for nebulization): 20 mcg/2 mL solution   |
| 1 CHOIOIIIISt      | minimum solution (unit dose via for neounzation). 20 meg/2 mL solution        |



| Drug Name  | Availability  |
|------------|---|
| ProAir     | Inhalation powder: dry powder inhaler 108 mcg of albuterol sulfate            |
| Digihaler  | (equivalent to 90 mcg of albuterol base) from the mouthpiece per              |
| 8          | actuation. The inhaler is supplied for 200 inhalation doses. ProAir           |
|            | Digihaler includes a built-in electronic module                               |
| Pulmicort  | Inhalation device with powder: 90 mcg, 180 mcg                                |
| Flexhaler  |   |
| Pulmicort  | Inhalation suspension: 0.25 mg/2 mL, 0.5 mg/2 mL, 1 mg/2 mL                   |
| Respules   |   |
| Seebri     | Inhalation powder in capsules: 15.6 mcg of glycopyrrolate inhalation          |
| Neohaler   | powder for use with the Neohaler device                                       |
| Spiriva    | Inhalation powder in capsules: 18 mcg tiotropium powder for use with          |
| Handihaler | Handihaler device   |
| Spiriva    | Inhalation spray: 1.25 mcg or 2.5 mcg tiotropium per actuation; two           |
| Respimat   | actuations equal one dose (2.5 mcg or 5 mcg)                                  |
| Stiolto    | Inhalation spray: 2.5 mcg tiotropium (equivalent to 3.124 mcg tiotropium      |
| Respimat   | bromide monohydrate), and 2.5 mcg olodaterol (equivalent to 2.736 mcg         |
|            | olodaterol hydrochloride) per actuation; two actuations equal one dose        |
| Striverdi  | Inhalation spray: Each actuation from the mouthpiece contains 2.7 mcg         |
| Respimat   | olodaterol hydrochloride, equivalent to 2.5 mcg olodaterol. Two               |
|            | actuations equal one dose   |
| Symbicort  | Metered-dose inhaler: budesonide (80 or 160 mcg) and formoterol (4.5          |
|            | mcg) as an inhalation aerosol   |
| Symbicort  | Metered-dose inhaler: budesonide (160 mcg) and formoterol (4.8 mcg) as        |
| Aerosphere | an inhalation aerosol   |
| Trelegy    | Inhalation powder: disposable inhaler containing 2 foil strips of 30 blisters |
| Ellipta    | each: one strip with fluticasone furoate (100 mcg or 200 mcg per blister),    |
|            | and the other strip with a blend of umeclidinium and vilanterol (62.5 mcg     |
|            | and 25 mcg per blister, respectively)   |
| Utibron    | Inhalation powder in capsule, for use with the Neohaler device: 27.5 mcg      |
| Neohaler   | of indacaterol and 15.6 mcg glycopyrrolate                                    |
| Yupelri    | Inhalation solution (unit-dose vial for nebulization): 175 mcg/3 mL           |

### VII. References

SABA

- 1. ProAir Digihaler Prescribing Information. Parsippany, NJ: Teva Pharmaceuticals USA, Inc; September 2020. Available at: https://www.digihaler.com/globalassets/proair\_digihaler/proair\_digihaler\_pi.pdf. Accessed October 31, 2022.
- 2. Nelson HS, Bensch G, Pleskow WW, et al. Improved bronchodilation with levalbuterol compared with racemic albuterol in patients with asthma. J Allergy Clin Immunol. 1998; 102: 943-952.
- 3. Gawchik SM, Consuelo SL, Noonan M, et al. The safety and efficacy of nebulized levalbuterol compared with racemic albuterol and placebo in the treatment of asthma in pediatric patients. J Allergy Clin Immunol. 1999; 103: 615-21



### ICS

- 4. Alvesco Prescribing Information. Marlborough, MA: Sunovion Pharmaceuticals Inc.; April 2019. Available at http://www.alvesco.us. Accessed October 31, 2022.
- 5. ArmonAir Digihaler Prescribing Information. Parsippany, NJ: Teva Pharmaceuticals USA, Inc; April 2022. Available at: https://www.accessdata.fda.gov/drugsatfda\_docs/label/2022/208798s013lbl.pdf. Accessed October 31, 2022.
- 6. Asmanex HFA Prescribing Information. Whitehouse Station, NJ: Merck; June 2021. Available at: https://www.merck.com/product/usa/pi\_circulars/a/asmanex\_hfa/asmanex\_hfa\_pi.pdf. Accessed October 31, 2022.
- 7. Asmanex Twisthaler Prescribing Information. Whitehouse Station, NJ: Merck; June 2021. Available at: https://www.merck.com/product/usa/pi\_circulars/a/asmanex/asmanex\_pi.pdf. Accessed October 31, 2022.
- 8. Flovent Diskus Prescribing Information. Research Triangle Park, NC: GlaxoSmithKline; June 2022. Available at: https://www.gsksource.com/pharma/content/dam/GlaxoSmithKline/US/en/Prescribing\_Information/Flovent\_Diskus/pdf/FLOVENT-DISKUS-PI-PIL-IFU.PDF. Accessed October 31, 2022.
- 9. Flovent HFA Prescribing Information. Research Triangle Park, NC: GlaxoSmithKline; August 2021. Available at: https://www.accessdata.fda.gov/drugsatfda\_docs/label/2021/021433Orig1s040ReplacementL bl.pdf. Accessed October 31, 2022.
- 10. Pulmicort Flexhaler Prescribing Information. Wilmington, DE: AstraZeneca; October 2019. Available at: https://www.azpicentral.com/pulmicortfh/pulmicortfh.pdf#page=1. Accessed October 31, 2022.
- 11. Pulmicort Respules Prescribing Information. Wilmington, DE: AstraZeneca; October 2019. Available at http://www.pulmicortrespules.com. Accessed October 31, 2022.

### LABA

- 12. Arcapta Neohaler Prescribing Information. East Hanover, NJ: Novartis Pharmaceuticals Corporation; May 2019. Available at https://www.arcapta.com. Accessed October 31, 2022.
- 13. Brovana Prescribing Information. Marlborough, MA: Sunovion Pharmaceuticals Inc.; May 2019. Available at http://www.brovana.com. Accessed October 31, 2022.
- 14. Perforomist Prescribing Information. Morgantown, WV: Mylan Specialty L.P.; May 2019. Available at: https://www.accessdata.fda.gov/drugsatfda\_docs/label/2019/022007s015lbl.pdf. Accessed October 31, 2022.
- 15. Striverdi Respimat Prescribing Information. Ridgefield, CT: Boehringer Ingelheim Pharmaceuticals, Inc.; November 2021. Available at: www.striverdi.com. Accessed October 31, 2022.

### *LAMA*

16. Lonhala Magnair Prescribing Information. Marlborough, MA: Sunovion Pharmaceuticals Inc; August 2020. Available at: https://www.lonhalamagnair.com/LonhalaMagnair-Prescribing-Information.pdf. Accessed October 31, 2022.



- 17. Seebri Neohaler Prescribing Information. East Hanover, New Jersey: Novartis Pharmaceuticals Corporation; July 2021. Available at: https://www.accessdata.fda.gov/drugsatfda\_docs/label/2021/207923s005lbl.pdf. Accessed October 31, 2022.
- 18. Spiriva Handihaler Prescribing Information. Ridgefield, CT: Boehringer Ingelheim Pharmaceuticals, Inc.; November 2021. Available at: https://docs.boehringeringelheim.com/Prescribing%20Information/PIs/Spiriva/Spiriva.pdf. Accessed October 31, 2022.
- 19. Spiriva Respimat Prescribing Information. Ridgefield, CT: Boehringer Ingelheim Pharmaceuticals, Inc.; November 2021. Available at: https://docs.boehringeringelheim.com/Prescribing%20Information/PIs/Spiriva%20Respimat/spirivarespimat.pdf. Accessed October 31, 2022.
- 20. Yupelri Prescribing Information. Morgantown, WV: Mylan Specialty L.P.; May 2022. Available at: https://dailymed.nlm.nih.gov/dailymed/fda/fdaDrugXsl.cfm?setid=6dfebf04-7c90-436a-9b16-750d3c1ee0a6&type=display. Accessed October 31, 2022.

### ICS/LABA

- 21. Advair Diskus Prescribing Information. Research Triangle Park, NC: GlaxoSmithKline; August 2020. Available at http://www.advair.com. Accessed October 31, 2022.
- 22. Advair HFA Prescribing Information. Research Triangle Park, NC: GlaxoSmithKline; August 2021. Available at http://www.advair.com. Accessed October 31, 2022.
- 23. AirDuo Digihaler Prescribing Information. Frazer, PA: Teva Respiratory, LLC; July 2021. Available at: https://www.digihaler.com/globalassets/airduo\_digihaler/airduo\_digihaler\_pi.pdf. Accessed October 31, 2022.
- 24. AirDuo RespiClick Prescribing Information. Parsippany, NJ: Teva Pharmaceuticals USA, Inc; July 2021. Available at: https://www.myairduo.com/globalassets/myairduo/pdf/pi.pdf. Accessed October 31, 2022.
- 25. Breo Ellipta Prescribing Information. Research Triangle Park, NC: GlaxoSmithKline; May 2023. Available at http://www.mybreo.com. Accessed May 26, 2023.
- 26. Dulera Prescribing Information. Whitehouse Station, NJ: Merck & Co., Inc.; June 2021. Available at http://www.dulera.com. Accessed October 31, 2022.
- 27. Symbicort Prescribing Information. Wilmington, DE: AstraZeneca Pharmaceuticals; July 2019. Available at: https://www.azpicentral.com/symbicort/symbicort.pdf#page=1. Accessed October 31, 2022.
- 28. Symbicort Aerosphere Prescribing Information. Wilmington, DE: AstraZeneca Pharmaceuticals; April 2023. Available at: https://www.accessdata.fda.gov/drugsatfda\_docs/label/2023/216579s000lbl.pdf. Accessed May 26, 2023.

### LABA/LAMA

- 29. Anoro Ellipta Prescribing Information. Research Triangle Park, NC: GlaxoSmithKline; October 2022. Available at http://www.anoro.com/. Accessed October 31, 2022.
- 30. Bevespi Aerosphere Prescribing Information. Wilmington, DE: AstraZeneca Pharmaceuticals; November 2020. Available at: https://www.azpicentral.com/bevespi/bevespi.pdf#page=1. Accessed October 31, 2022.
- 31. Duaklir Pressair Prescribing Information. Morrisville, NC: Circassia Pharmaceuticals Inc.; March 2019. Available at:



- https://www.accessdata.fda.gov/drugsatfda\_docs/label/2019/210595lbl.pdf. Accessed October 31, 2022.
- 32. Stiolto Respimat Prescribing Information. Ridgefield, CT: Boehringer Ingelheim Pharmaceuticals, Inc.; November 2021. Available at https://www.stiolto.com/. Accessed October 31, 2022.
- 33. Utibron Neohaler Prescribing Information. East Hanover, NJ: Novartis Pharmaceuticals Corporation; July 2021. Available at <a href="https://www.accessdata.fda.gov/drugsatfda\_docs/label/2021/207930s005s006lbl.pdf">https://www.accessdata.fda.gov/drugsatfda\_docs/label/2021/207930s005s006lbl.pdf</a>. Accessed October 31, 2022.

### ICS/LABA/LAMA

- 34. Breztri Aerosphere Prescribing Information. Wilmington, DE: AstraZeneca Pharmaceuticals LP; July 2020. Available at: www.breztri.com. Accessed October 31, 2022.
- 35. Trelegy Ellipta Prescribing Information. Research Triangle Park, NC: GlaxoSmithKline; May 2022. Available at: www.trelegyellipta.com. Accessed October 31, 2022. *Guidelines*
- 36. National Heart, Lung, and Blood Institute. Expert panel report 3: guidelines for the diagnosis and management of asthma. National Asthma Education and Prevention Program. Published August 28, 2007. Available from: http://www.nhlbi.nih.gov/health-pro/guidelines/current/asthma-guidelines/full-report/. Accessed October 25, 2022.
- 37. Cloutler MM, Dixon AE, Krishnan JA, et al. Managing asthma in adolescents and adults 2020: asthma guideline update from the National Asthma Education and Prevention Program. JAMA. 2020; 324: 2301-2317.
- 38. Global Initiative for Asthma. Global strategy for asthma management and prevention (2022 report). Available from: www.ginasthma.org. Accessed October 25, 2022.
- 39. Global Initiative for Chronic Obstructive Lung Disease (GOLD). Global strategy for the diagnosis, management, and prevention of chronic obstructive pulmonary disease (2023 report). Available at: http://www.goldcopd.org. Accessed January 11, 2023.

| Reviews, Revisions, and Approvals  | Date    | P&T<br>Approval<br>Date |
|--|---------|-------------------------|
| Policy created: adapted from previously approved individual drug policies - CP.PMN.07 Xopenex HFA/Inhalation Solution, CP.PMN.31 Advair Diskus/HFA, CP.PMN.146 Trelegy Ellipta, CP.PMN.147 Utibron Neohaler, CP.PMN.148 Anoro Ellipta, CP.PMN.200 Duaklir Pressair, CP.PMN.201 Brovana, CP.PMN.203 Arcapta Neohaler, CP.PMN.204 Striverdi Respimat, CP.PMN.229 | 7.26.23 |                         |
| Breo Ellipta, and CP.PMN.230 Dulera (all to be retired) and CP.PMN.259 for migration to HFS PDL  |         |                         |

### **Important Reminder**

This clinical policy has been developed by appropriately experienced and licensed health care professionals based on a review and consideration of currently available generally accepted standards of medical practice; peer-reviewed medical literature; government agency/program approval status; evidence-based guidelines and positions of leading national health professional organizations; views of physicians practicing in relevant clinical areas affected by this clinical



policy; and other available clinical information. The Health Plan makes no representations and accepts no liability with respect to the content of any external information used or relied upon in developing this clinical policy. This clinical policy is consistent with standards of medical practice current at the time that this clinical policy was approved. "Health Plan" means a health plan that has adopted this clinical policy and that is operated or administered, in whole or in part, by Centene Management Company, LLC, or any of such health plan's affiliates, as applicable.

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