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Policy Number: C13643-A

Fasenra (benralizumab)

PRODUCTS AFFECTED

Fasenra (benralizumab)

COVERAGE POLICY

Coverage for services, procedures, medical devices, and drugs are dependent upon benefit eligibility as outlined in the member's specific benefit plan. This Coverage Guideline must be read in its entirety to determine coverage eligibility, if any. This Coverage Guideline provides information related to coverage determinations only and does not imply that a service or treatment is clinically appropriate or inappropriate. The provider and the member are responsible for all decisions regarding the appropriateness of care. Providers should provide Molina Healthcare complete medical rationale when requesting any exceptions to these guidelines.

Documentation Requirements:

Molina Healthcare reserves the right to require that additional documentation be made available as part of its coverage determination; quality improvement; and fraud; waste and abuse prevention processes. Documentation required may include, but is not limited to, patient records, test results and credentials of the provider ordering or performing a drug or service. Molina Healthcare may deny reimbursement or take additional appropriate action if the documentation provided does not support the initial determination that the drugs or services were medically necessary, not investigational, or experimental, and otherwise within the scope of benefits afforded to the member, and/or the documentation demonstrates a pattern of billing or other practice that is inappropriate or excessive.

DIAGNOSIS:

Severe asthma with an eosinophilic phenotype, Eosinophilic granulomatosis with polyangiitis

REQUIRED MEDICAL INFORMATION:

This clinical policy is consistent with standards of medical practice current at the time that this clinical policy was approved. If a drug within this policy receives an updated FDA label within the last 180 days, medical necessity for the member will be reviewed using the updated FDA label information along with state and federal requirements, benefit being administered and formulary preferencing. Coverage will be determined on a case-by-case basis until the criteria can be updated through Molina Healthcare, Inc. clinical governance. Additional information may be required on a case-by-case basis to allow for adequate review. When the requested drug product for coverage is dosed by weight, body surface area or other member specific measurement, this data element is required as part of the medical necessity review. The Pharmacy and Therapeutics Committee has determined that the drug benefit shall be a mandatory generic and that generic drugs will be dispensed whenever available.

A. SEVERE ASTHMA WITH EOSINOPHILIC PHENOTYPE:

1. Documented diagnosis of moderate to severe asthma
AND

2. Prescriber attests or clinical reviewer has found that Fasenra (benralizumab) is NOT being

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used as monotherapy for asthma (must be prescribed as add-on maintenance to be used in combination with other medications for long-term control of asthma)

AND

3. Documentation member has eosinophilic phenotype or predominantly eosinophil-driven disease with blood eosinophil counts: ≥ 150 cells/microliter at initiation of therapy (within 6 weeks of request) Or ≥ 300 cells/microliter in the prior 12 months [DOCUMENTATION REQUIRED]:

AND

4. Member has experienced exacerbation(s) or hospitalization(s), within the last 12 months documented by ANY of the following:
- Two or more exacerbations requiring treatment with systemic corticosteroid (intramuscular, intravenous, or oral) despite the use of high- dose inhaled corticosteroids in the past 12 months OR
 - One or more exacerbation requiring hospitalization
 - Two-fold increase or greater in the dose of systemic corticosteroid treatment for asthma exacerbations OR
 - Asthma worsens upon tapering of oral corticosteroid therapy OR
 - Mechanical ventilation in the past 12 months OR
 - Poor symptom control indicated by Asthma Control Questionnaire (ACQ) score consistently greater than 1.5 or Asthma Control Test (ACT) score consistently less than 20 OR
 - Forced expiratory volume in 1 second (FEV1) $< 80\%$ predicted OR
 - FEV1/forced vital capacity (FVC) < 0.80

AND

5. Documentation of adherence to ONE of the following regimens of at least 3 months (within the past 90 days) and symptoms inadequately controlled (as documented in criteria above):

(a) Medium or High dose ICS- LABA combination product AND one additional asthma controller medication (LAMA, LTRA, Low dose azithromycin), preferably a LAMA- per GINA 2024 guideline

OR

(b) Medium or High dose ICS- LABA combination product AND oral corticosteroids [see appendix for product classes]

MOLINA REVIEWER NOTE: Verify pharmacy claims for compliance with the combination therapy above within the last 90 days. For new members to Molina Healthcare, confirm medication use in medical chart history. Non-compliance, which can be documented by review of the prescription fill history, would not constitute therapeutic failure.

AND

6. Prescriber attestation that IF member is a smoker, the member has been counseled regarding the benefits of smoking cessation and/or connected with a program to support smoking cessation

AND

7. Prescriber attestation that the member's underlying conditions or triggers for asthma or pulmonary disease are being maximally managed

AND

8. Prescriber attests or clinical reviewer has found that Fasenra (benralizumab) is not prescribed for concurrent use with any of the following: Xolair (omalizumab) OR other IL-5 inhibitors [Cinqair (reslizumab), Nucala (mepolizumab)] OR IL-4 antagonist Dupixent (dupilumab) OR Anti-TSLP Tezspire (Tezepelumab-ekko)

AND

9. IF THIS IS A NON-FORMULARY/NON-PREFERRED PRODUCT/DOSAGE FORM: Documentation of trial/failure of or serious side effects to a majority (not more than 3) of the preferred formulary/PDL alternatives for the given diagnosis. Submit documentation including medication(s) tried, dates of trial(s) and reason for treatment failure(s). [DOCUMENTATION REQUIRED]

B. EOSINOPHILIC GRANULOMATOSIS WITH POLYANGIITIS (EGPA):

1. Documented diagnosis of EGPA supported by both of the following [DOCUMENTATION REQUIRED]:

a. Blood eosinophil level of at least 10% of leucocytes OR Absolute eosinophil count $> 1,000$ cells/ μL

AND

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- b. Presence of any of the following characteristics typical of EGPA:
 - i. Histopathological evidence of: Eosinophilic vasculitis, Perivascular eosinophilic infiltration, or Eosinophil- rich granulomatous inflammation
 - ii. Neuropathy, mono or poly (motor deficit or nerve conduction abnormality)
 - iii. Pulmonary infiltrates, non-fixed
 - iv. Sino-nasal abnormality
 - v. Cardiomyopathy (established by echocardiography or MRI)
 - vi. Glomerulonephritis (hematuria, red cell casts, proteinuria)
 - vii. Alveolar hemorrhage (by bronchoalveolar lavage)
 - viii. Palpable purpura
 - ix. Anti-neutrophil cytoplasmic antibody (ANCA) positive

AND

2. Prescriber attests that member has refractory disease defined as failure to attain remission within the prior 6 months following induction treatment with standard therapy regimens [at least 3 months of ORAL corticosteroids with or without an immunosuppressant (e.g., cyclophosphamide, azathioprine, methotrexate)] OR has a contraindication or serious side effects to oral corticosteroids and immunosuppressants
AND
3. Documentation of baseline disease severity to assess efficacy of therapy at renewal (asthma symptoms or asthma exacerbations, severity or frequency of other EGPA related symptoms [e.g., rhinitis, sinusitis, skin lesions or rash, etc.], frequency and/or severity of relapses, maintenance doses of systemic corticosteroids and/or immunosuppressant, blood eosinophil count or inflammatory markers, Birmingham Vasculitis Activity Score (BVAS) score)
[DOCUMENTATION REQUIRED]
AND
4. Prescriber attests or clinical reviewer has found that Fasenra (benralizumab) is not prescribed for concurrent use with any of the following: Xolair (omalizumab) OR other IL-5 inhibitors [Cinqair (reslizumab), Nucala (mepolizumab)] OR IL-4 antagonist Dupixent (dupilumab) OR Anti-TSLP Tezspire (Tezepelumab-ekko)
AND
5. IF THIS IS A NON-FORMULARY/NON-PREFERRED PRODUCT/DOSAGE FORM: Documentation of trial/failure of or serious side effects to a majority (not more than 3) of the preferred formulary/PDL alternatives for the given diagnosis. Submit documentation including medication(s) tried, dates of trial(s) and reason for treatment failure(s). [DOCUMENTATION REQUIRED]

CONTINUATION OF THERAPY:

A. SEVERE ASTHMA WITH EOSINOPHILIC PHENOTYPE:

1. Adherence to therapy at least 85% of the time as verified by the prescriber or member medication fill history OR adherence less than 85% of the time due to the need for surgery or treatment of an infection, causing temporary discontinuation
AND
2. Prescriber attests to or clinical reviewer has found no evidence of intolerable adverse effects or unacceptable toxicity from the drug [e.g., symptoms of anaphylaxis (bronchospasm, hypotension, syncope, urticaria, and/or angioedema), malignancy, symptoms similar to serum sickness (fever, arthralgia, and rash); parasitic (helminth) infection, eosinophilic conditions (e.g., vasculitic rash, worsening pulmonary symptoms, cardiac complications, and/or neuropathy), especially upon reduction of oral corticosteroids]
AND
3. Documentation that Fasenra (benralizumab) therapy has resulted in clinical improvement as documented by ONE or more of the following from baseline [DOCUMENTATION REQUIRED]:
 - a) Improvement in lung function (increase in percent predicted FEV1 or PEF)
OR
 - b) Decreased utilization of rescue medications, decreased frequency of exacerbations (defined as worsening of asthma that requires increase in inhaled corticosteroid dose or treatment

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with systemic corticosteroids)

OR

- c) Decreased frequency of unscheduled clinic, urgent care or emergency department visits
- OR
- d) Reduction in reported symptoms: chest tightness, coughing, shortness of breath, nocturnal wakening wheezing, sustained improvement in Asthma Control Test (ACT) scores
- OR
- e) Decreased or stopped oral treatments (including oral corticosteroids and other add on medications, if applicable), or reduced ICS-LABA dose (to at least moderate)

MOLINA REVIEWER NOTE: For members with unclear response after initial use, see Background (GINA 2024).

AND

- 4. Documentation member is currently treated and is compliant with standard therapy (e.g., inhaled corticosteroids, long- acting beta-2 agonist (LABA), leukotriene receptor antagonist (LTRA), long-acting muscarinic antagonist (LAMA)) within the past 90 days
- AND
- 5. Prescriber attests or clinical reviewer has found that requested therapy is NOT prescribed for, or intended for, combination therapy or concurrent therapy with other monoclonal antibodies used to treat asthma [i.e., Xolair (omalizumab) OR other IL-5 inhibitors [Cinqair (reslizumab), Nucala (mepolizumab)] OR IL-4 antagonist Dupixent (dupilumab) OR Anti-TSLP Tezspire (tezepelumab- ekko)]

B. EOSINOPHILIC GRANULOMATOSIS WITH POLYANGIITIS (EGPA):

- 1. Adherence to therapy at least 85% of the time as verified by the prescriber or member medication fill history OR adherence less than 85% of the time due to the need for surgery or treatment of an infection, causing temporary discontinuation
- AND
- 2. Documentation Fasentra (benralizumab) therapy has resulted in clinical improvement of signs and symptoms compared to baseline as evidenced by ONE or more of the following from baseline: Improvement in asthma symptoms or asthma exacerbations, Improvement in duration of remission or decrease in the rate of relapses, Decrease in severity or frequency of EGPA- related symptoms, Decrease in the frequency and/or severity of relapses, Reduction or discontinuation of maintenance doses of systemic corticosteroids and/or immunosuppressant, Decreased blood eosinophil count or inflammatory markers, Improvement in Birmingham Vasculitis Activity Score (BVAS) score compared to baseline or Member is in remission as defined by BVAS score = 0 and a prednisone/prednisolone daily dose of ≤ 7.5 mg [DOCUMENTATION REQUIRED]
- AND
- 3. Prescriber attests to or clinical reviewer has found no evidence of intolerable adverse effects or drug toxicity [e.g. symptoms of anaphylaxis (bronchospasm, hypotension, syncope, urticaria, and/or angioedema), malignancy, symptoms similar to serum sickness (fever, arthralgia, and rash); parasitic (helminth) infection, eosinophilic conditions (e.g. vasculitic rash, worsening pulmonary symptoms, cardiac complications, and/or neuropathy, especially upon reduction of oral corticosteroids]
- AND
- 4. Prescriber attests or clinical reviewer has found that requested therapy is NOT prescribed for, or intended for, combination therapy or concurrent therapy with other monoclonal antibodies [i.e., Xolair (omalizumab) OR other IL-5 inhibitors [Cinqair (reslizumab), Nucala (mepolizumab)] OR IL-4 antagonist Dupixent (dupilumab) OR Anti-TSLP Tezspire (Tezepelumab- ekko)]

DURATION OF APPROVAL:

Initial authorization: 6 months, Continuation of therapy: 12 months

PRESCRIBER REQUIREMENTS:

Prescribed by, or in consultation with, a board-certified asthma specialist (allergist, immunologist, pulmonologist) or physician experienced in the management of asthma, rheumatologist, or cardiologist.

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[If prescribed in consultation, consultation notes must be submitted with initial request and reauthorization requests]

AGE RESTRICTIONS:

ASTHMA: 6 years of age and older

EGPA: 18 years of age and older

QUANTITY:

ASTHMA:

Adults and Adolescents 12 years of age and older: 30 mg every 4 weeks for the first 3 doses, then 30 mg every 8 weeks

Pediatric 6 to 11 years of age:

Weight <35kg: 10mg every 4 weeks for the first 3 doses, then 10mg every 8 weeks

Weight 35kg or more: 30 mg every 4 weeks for the first 3 doses, then 30 mg every 8 weeks

EGPA: 30 mg every 4 weeks

PLACE OF ADMINISTRATION:

The recommendation is that injectable medications in this policy will be for pharmacy or medical benefit coverage and the subcutaneous injectable products administered in a place of service that is a non-hospital facility-based location as per the Molina Health Care Site of Care program.

Note: Site of Care Utilization Management Policy applies for Fasenra (benralizumab). For information on site of care, see [Specialty Medication Administration Site of Care Coverage Criteria \(molinamarketplace.com\)](https://www.molinamarketplace.com)

DRUG INFORMATION

ROUTE OF ADMINISTRATION:

Subcutaneous

DRUG CLASS:

Interleukin-5 Antagonists (IgG1 kappa)

FDA-APPROVED USES:

Indicated for the add-on maintenance treatment of adult and pediatric patients aged 6 years and older with severe asthma, and with an eosinophilic phenotype and for treatment of adult patients with eosinophilic granulomatosis with polyangiitis (EGPA)

Limitations of use: Not for relief of acute bronchospasm or status asthmaticus

COMPENDIAL APPROVED OFF-LABELED USES:

None

APPENDIX

APPENDIX 1:

Controller medications: suppress the inflammatory causes of asthma to provide clinical control over the long term, whereas reliever medications relieve bronchoconstriction quickly. Controller medications include inhaled glucocorticoids, long-acting beta-agonists (LABAs) and Leukotriene receptor antagonists (LTRA). Theophylline (Theo-24, Uniphyll, TheoChron ER, generics) is also a controller agent, however, it is not as efficacious as LABAs and not recommended for treatment.

Anticholinergic (LAMA)

Tiotropium bromide monohydrate (Spiriva Respimat)

Inhaled Corticosteroids (ICS) (list not all inclusive):

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Beclometasone dipropionate (QVAR)
Budesonide DPI (Pulmicort Flexhaler)
Budesonide nebulas (Pulmicort Respules)
Ciclesonide (Alvesco)
Fluticasone propionate (ArmonAir Digihaler)
Flunisolide (Aerospan)
Mometasone furoate (Asmanex Twisthaler)
Mometasone furoate (Asmanex HFA)*

Fluticasone furoate (Arnuity Ellipta)
Fluticasone propionate (Flovent Diskus)
Fluticasone propionate (Flovent HFA)

**HFA: hydrofluoroalkane propellant metered dose inhaler*

**DPI: dry powder inhaler*

Combination Long-Acting Bronchodilator and Corticosteroid (ICS+ LABA) (list not all inclusive):

Budesonide/formoterol fumarate dihydrate (Symbicort)
Fluticasone propionate/salmeterol (Advair Diskus/ Adair HFA/ AirDuo/ AirDuo RespiClick/Wixela Inhub)
Fluticasone furoate/vilanterol (Breo Ellipta)
Mometasone furoate/formoterol fumarate dihydrate (Dulera)

Combination Anticholinergic and Corticosteroid and long-acting bronchodilator (ICS+ LAMA+ LABA)

Fluticasone/umeclidinium/vilanterol (Trelegy Elipta)
Budesonide/glycopyrrolate/formoterol (Breztri Aerosphere)

Leukotriene receptor antagonist (LTRA) (list not all-inclusive):

Montelukast (Singulair), Zafirlukast (Accolate), Zileuton (Zyflo)

APPENDIX 2:

- FEV1 (forced expiratory volume in 1 second): A measure of airway obstruction determined using spirometry. Individual FEV1 values are compared to predicted values based on age, height, sex and race.
- PEF (peak expiratory flow): PEF is often described as a percent of personal best measurement. Personal best PEF is the highest PEF value attained after 2 to 3 weeks of testing when asthma is in good control.

APPENDIX 3:

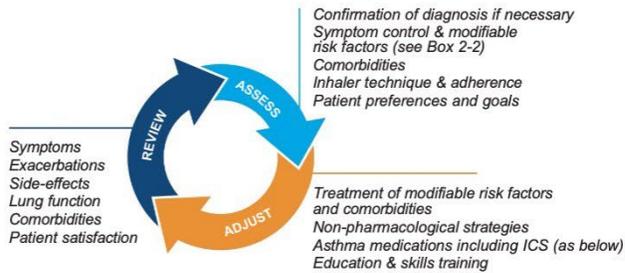
Managing Asthma in Adults and Adolescents 12+ Years



GINA 2024 – Adults & adolescents 12+ years

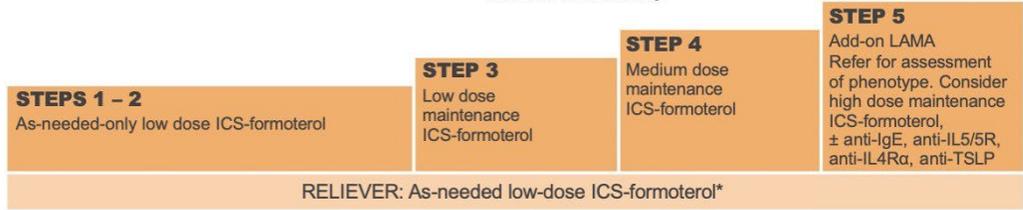
Personalized asthma management

Assess, Adjust, Review
for individual patient needs



TRACK 1: PREFERRED CONTROLLER and RELIEVER

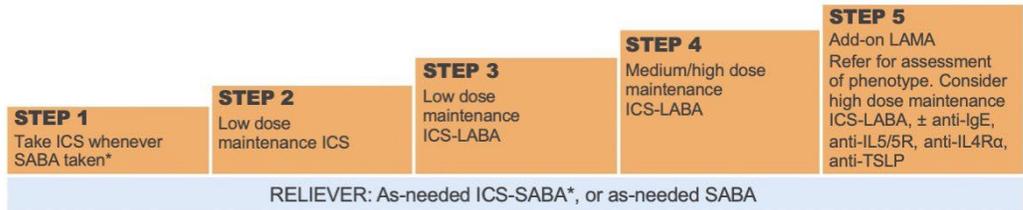
Using ICS-formoterol as the reliever* reduces the risk of exacerbations compared with using a SABA reliever, and is a simpler regimen



See GINA severe asthma guide

TRACK 2: Alternative CONTROLLER and RELIEVER

Before considering a regimen with SABA reliever, check if the patient is likely to adhere to daily controller treatment



Other controller options (limited indications, or less evidence for efficacy or safety – see text)

Low dose ICS whenever SABA taken*, or daily LTRA ¹ , or add HDM SLIT	Medium dose ICS, or add LTRA ¹ , or add HDM SLIT ¹	Add LAMA or add LTRA ¹ or add HDM SLIT, or switch to high dose ICS-only	Add azithromycin (adults) or add LTRA ¹ . As last resort consider adding low dose OCS but consider side-effects
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*Anti-inflammatory reliever; ¹advise about risk of neuropsychiatric adverse effects

ABBREVIATIONS: HDM: house dust mite; ICS: inhaled corticosteroid; LABA: long-acting beta2-agonist; LAMA: long-acting muscarinic antagonist; LTRA: Leukotriene Receptor Antagonist; OCS: oral corticosteroids; SABA: short-acting beta2-agonist; SLIT: sublingual immunotherapy
REFERENCE: Global Initiative for Asthma. Global Strategy for Asthma Management and Prevention, 2024. Available from: www.ginasthma.org

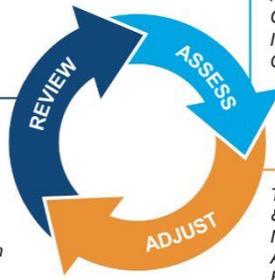
Managing Asthma in Children 6-11 Years

GINA 2024 – Children 6–11 years



Personalized asthma management:
Assess, Adjust, Review

Symptoms
Exacerbations
Side-effects
Lung function
Comorbidities
Child and parent/
caregiver satisfaction



Confirmation of diagnosis if necessary
Symptom control & modifiable
risk factors (see Box 2-2)
Comorbidities
Inhaler technique & adherence
Child and parent/caregiver preferences and goals

Treatment of modifiable risk factors
& comorbidities
Non-pharmacological strategies
Asthma medications including ICS
Education & skills training

Asthma medication options:
Adjust treatment up and down for
individual child's needs

PREFERRED CONTROLLER
to prevent exacerbations
and control symptoms

Other controller options
(limited indications, or
less evidence for efficacy
or safety)

RELIEVER

<p>STEP 1 Low dose ICS taken whenever SABA taken*</p>	<p>STEP 2 Daily low dose inhaled corticosteroid (ICS) (see table of ICS dose ranges for children)</p>	<p>STEP 3 Low dose ICS-LABA, OR medium dose ICS, OR very low dose ICS-formoterol maintenance and reliever therapy (MART)</p>	<p>STEP 4 Refer for expert advice, OR medium dose ICS-LABA, OR low dose ICS-formoterol maintenance and reliever therapy (MART)</p>	<p>STEP 5 Refer for phenotypic assessment ± higher dose ICS-LABA or add-on therapy, e.g. anti-IgE, anti-IL4Rα, anti-IL5</p>
	<p>Daily leukotriene receptor antagonist (LTRA)[†], or low dose ICS taken whenever SABA taken*</p>	<p>Low dose ICS + LTRA[†]</p>	<p>Add tiotropium or add LTRA[†]</p>	<p>As last resort, consider add-on low dose OCS, but consider side-effects</p>
<p>As-needed SABA (or ICS-formoterol reliever* in MART in Steps 3 and 4)</p>				

*Anti-inflammatory reliever; [†]advise about risk of neuropsychiatric adverse effects

GINA 2024 Box 4-12

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ABBREVIATIONS: BUD-FORM: budesonide-formoterol; ICS: inhaled corticosteroid; LABA: long-acting beta2-agonist; LTRA: Leukotriene Receptor Antagonist; MART: maintenance and reliever therapy with ICS-formoterol; OCS: oral corticosteroids; SABA: short-acting beta2-agonist; SLIT: sublingual immunotherapy
REFERENCE: Global Initiative for Asthma. Global Strategy for Asthma Management and Prevention, 2024. Available from: www.ginasthma.org

**APPENDIX 4:
SUGGESTED TOTAL DAILY DOSAGES for INHALED CORTICOSTEROIDS (ICS) IN ADULTS AND ADOLESCENTS (12 years and older):**

Inhaled Corticosteroid	Low Dose ICS (mcg)	Medium Dose ICS (mcg)	High Dose ICS (mcg)
Beclometasone dipropionate (pMDI, standard particle, HFA)	200-500	>500-1000	>1000
Beclometasone dipropionate (DPI or pMDI, extrafine particle, HFA)	100-200	>200-400	>400
Budesonide (DPI, or pMDI, standard particle, HFA)	200-400	>400-800	>800
Ciclesonide (pMDI, extrafine particle, HFA)	80-160	>160-320	>320
Fluticasone furoate (DPI)	100	100	200
Fluticasone propionate (DPI)	100-250	>250-500	>500
Fluticasone propionate (pMDI, standard particle, HFA)	100-250	>250-500	>500
Mometasone furoate (DPI)	Depends on DPI device – see product information		
Mometasone furoate (pMDI, standard particle, HFA)	200-400	200-400	>400

Reference: Box 4-2. Low, medium and high daily metered doses of inhaled corticosteroids (alone or with LABA)

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Global Initiative for Asthma. Global Strategy for Asthma Management and Prevention, 2024. Available from: www.ginasthma.org

SUGGESTED TOTAL DAILY DOSAGES for INHALED CORTICOSTEROIDS (ICS) IN CHILDREN 6-11 YEARS

Inhaled Corticosteroid	Low Dose ICS (mcg)	Medium Dose ICS (mcg)	High Dose ICS (mcg)
Beclometasone dipropionate (pMDI, standard particle, HFA)	100-200	>200-400	>400
Beclometasone dipropionate (pMDI, extrafine particle, HFA)	50-100	>100-200	>200
Budesonide (DPI, or pMDI, standard particle, HFA)	100-200	>200-400	>400
Budesonide (nebulers)	250-500	>500-1000	>1000
Ciclesonide (pMDI, extrafine particle, HFA)	80	>80-160	>160
Fluticasone furoate (DPI)	50	50	N/A
Fluticasone propionate (DPI)	50-100	>100-200	>200
Fluticasone propionate (pMDI, standard particle, HFA)	50-100	>100-200	>200
Mometasone furoate (pMDI, standard particle, HFA)	100	100	200

Reference: Box 4-2. Low, medium and high daily metered doses of inhaled corticosteroids (alone or with LABA)
Global Initiative for Asthma. Global Strategy for Asthma Management and Prevention, 2024. Available from: www.ginasthma.org

BACKGROUND AND OTHER CONSIDERATIONS

BACKGROUND:

Asthma is a heterogeneous syndrome that might be better described as a constellation of phenotypes, each with distinct cellular and molecular mechanisms, rather than as a singular disease. One of these phenotypes is eosinophilic asthma. Eosinophilic asthma is a sub phenotype of severe asthma characterized by elevated sputum and blood eosinophil levels as well as increased asthma severity, atopy, late-onset disease, and steroid refractoriness. Severe asthma is defined as “asthma that requires treatment with high dose inhaled corticosteroids (ICS) plus a second controller and/or systemic corticosteroids to prevent it from becoming ‘uncontrolled’ or which remains ‘uncontrolled’ despite this therapy.” Several biomarkers including blood eosinophilic counts and sputum eosinophilic counts are used in diagnosing severe asthma with an eosinophilic phenotype. Development of eosinophilic inflammation is dependent on the biological activity of Interleukin-5 (IL-5), an inflammatory cytokine. IL-5 is responsible for growth, differentiation, recruitment, activation, and survival of eosinophils. Nucala (mepolizumab), Cinqair (reslizumab), and Fasentra (benralizumab), IL-5 antagonist monoclonal antibodies, antagonize the IL-5/eosinophil inflammatory pathway. Nucala and Cinqair binds to IL-5, and Fasentra binds directly through the IL-5 surface receptors on eosinophils. Similar to other severe forms of asthma, the Gold Standard/International Guidelines treatment for severe asthma, including eosinophilic asthma, is high dose ICS plus a long-acting beta-2 agonist (LABA), leukotriene modifier or theophylline and/or continuous systemic corticosteroids as background therapy. Cinqair (reslizumab), Fasentra (benralizumab), and Nucala (mepolizumab) are FDA indicated for severe eosinophilic asthma.

Fasentra (benralizumab)

- Benralizumab is the third anti-IL-5 antibody to be approved for treatment of severe eosinophilic asthma;

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- mepolizumab (Nucala) and reslizumab (Cinqair), which target IL-5 itself, were approved earlier
- FDA approved in combination with other asthma medications as add-on maintenance treatment of severe asthma in patients 12 years and older with an eosinophilic phenotype
- Benralizumab is not approved for the treatment of other eosinophilic conditions or for the relief of acute bronchospasm or status asthmaticus
- Administered via subcutaneous injection [similar to Nucala (mepolizumab)]; while Cinqair (reslizumab) is administered via IV infusion only
- FDA Approval was based on results obtained from Phase III clinical trials SIROCCO, CALIMA, and ZONDA from the WINDWARD program [which included six phase III trials SIROCCO, CALIMA, ZONDA, BISE, BORA, and GREGALE]
- The SIROCCO and CALIMA trials were powered for efficacy analysis in patients with baseline blood eosinophil count (BEC) ≥ 300 cells/ μ L. In addition, the ZONDA trial found Fasenra to significantly reduce oral corticosteroid dose in patients with baseline BEC ≥ 150 cells/ μ L.

Global Initiative for Asthma (GINA, 2024)

Add-on biologic therapy: options recommended by GINA for patients with uncontrolled severe asthma despite optimized maximal therapy include:

- Add-on anti-immunoglobulin E treatment (omalizumab[Xolair]) for patients age ≥ 6 years with **severe allergic asthma** (Evidence A)
- Add-on anti-interleukin- 5/5R treatment (SC mepolizumab[Nucala] for patients age ≥ 6 years; IV reslizumab[Cinqair] for ages ≥ 18 years or SC benralizumab[Fasenra] for ages ≥ 12 years), with **severe eosinophilic asthma** (Evidence A)
- Add-on anti-interleukin-4R α treatment (SC dupilumab[Dupixent]) for patients aged ≥ 6 years with **severe eosinophilic/type 2 asthma** or for **patients requiring treatment with maintenance OCS** (Evidence A)
- Add-On anti-thymic stromal lymphopoietin (anti TSLP) treatment (subcutaneous tezepelumab [Tezspire]) for patients aged ≥ 12 years with **severe asthma** (Evidence A)
- Suggested initial trial of add-on anti-IL5 for severe eosinophilic asthma is at least 4 months. At that point, response to initial trial of add-on therapy should be reviewed. There are no well-defined criteria for good response, but exacerbations, symptom control, lung function, side effects, treatment intensity, and patient satisfaction should be considered. If the response is unclear, consider extending the trial to 6-12 months. If there is no response, stop the biologic therapy and consider switching to a different targeted therapy, if available.

European Respiratory Society (ERS)/American Thoracic Society (ATS)

- The guidelines recommend “While the anti-IL5 antibody, mepolizumab, was not beneficial in unselected adult patients with moderate asthma, when studied in severe asthma patients with persistent sputum eosinophilia, two anti- IL-5 antibodies, mepolizumab and reslizumab, have been shown to decrease exacerbations and oral corticosteroid use, as well as improve symptoms and lung function to varying degrees.”
- Asthma is classified as severe when it requires treatment with high-dose inhaled corticosteroids plus a second asthma controller therapy (e.g., long-acting β 2-agonist), and/or systemic corticosteroids to prevent asthma from becoming or remaining uncontrolled despite this therapy.
 - Although there are no widely accepted definitions for specific asthma phenotypes, an eosinophilic phenotype (i.e., eosinophilic asthma) is generally characterized by blood and sputum eosinophilia and eosinophilic inflammation, recurrent exacerbations, and, frequently, responsiveness to corticosteroids.
 - Sputum eosinophil counts are used as a reliable biomarker for eosinophilic lung inflammation; ATS and ERS currently recommend treatment of severe asthma guided by

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sputum eosinophil counts in addition to clinical criteria in adults, and treatment guided by clinical criteria alone in pediatric patients. However, sputum eosinophil counts are difficult to use in routine practice because testing must be performed in specialized centers experienced in using the technique.

Use For EGPA:

Fasenra was approved for use in eosinophilic granulomatosis with polyangiitis (EGPA) based on results of a randomized, double-blind, active-controlled, noninferiority clinical trial (MANDARA [NCT04157348]) comparing benralizumab to mepolizumab. Patients were required to have asthma, eosinophilia (1,000 cells/uL or >10% of leukocytes) and a history of relapsing or refractory disease treated with background prednisolone/prednisone with or without immunosuppressive therapy. Fasenra demonstrated noninferiority to mepolizumab for the primary endpoint of remission and the components of remission.

CONTRAINDICATIONS/EXCLUSIONS/DISCONTINUATION:

All other uses of Fasenra (benralizumab) are considered experimental/investigational and therefore, will follow Molina's Off-Label policy. Contraindications to Fasenra (benralizumab) include: known hypersensitivity to benralizumab or excipients, previous anaphylactic reaction to benralizumab, the relief of acute bronchospasm or status asthmaticus.

OTHER SPECIAL CONSIDERATIONS:

Fasenra is intended for use under the guidance of a healthcare provider. Monitoring of patients after administration for hypersensitivity-type reactions (e.g., anaphylaxis, angioedema, urticaria, rash) after each injection is recommended. One trial found that most patients and caregivers could administer benralizumab using the prefilled syringe in their home environment (Ferguson GT, et al. 2017). No formal drug interaction studies have been conducted and none are anticipated based on benralizumab's mechanism of action. Cytochrome P450 enzymes, efflux pumps, and protein-binding mechanisms are not involved in the clearance of benralizumab.

Safety of concurrent use of Nucala, Cinqair, Fasenra, and Dupixent with other monoclonal antibodies used to treat inflammation (TNF-inhibitors, interleukin antagonists, etc.) has not been established.

Warnings and precautions include hypertensive reactions (e.g., anaphylaxis, angioedema), parasitic (Helminth) infection, and reduction in corticosteroid dosage (not to discontinue systemic or inhaled corticosteroid abruptly upon initiation of therapy, must decrease gradually, if appropriate).

CODING/BILLING INFORMATION

CODING DISCLAIMER. Codes listed in this policy are for reference purposes only and may not be all-inclusive or applicable for every state or line of business. Deleted codes and codes which are not effective at the time the service is rendered may not be eligible for reimbursement. Listing of a service or device code in this policy does not guarantee coverage. Coverage is determined by the benefit document. Molina adheres to Current Procedural Terminology (CPT®), a registered trademark of the American Medical Association (AMA). All CPT codes and descriptions are copyrighted by the AMA; this information is included for informational purposes only. Providers and facilities are expected to utilize industry-standard coding practices for all submissions. Molina has the right to reject/deny the claim and recover claim payment(s) if it is determined it is not billed appropriately or not a covered benefit. Molina reserves the right to revise this policy as needed.

HCPCS CODE	DESCRIPTION
J0517	Injection, benralizumab, 1 mg

AVAILABLE DOSAGE FORMS:

Fasenra SOSY 30MG/ML prefilled syringe
Fasenra Pen SOAJ 30MG/ML auto-injector

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SUMMARY OF REVIEW/REVISIONS	DATE
REVISION- Notable revisions: Coding/Billing Information Template Update Required Medical Information Continuation of Therapy Prescriber Requirements Age Restrictions Quantity FDA-Approved Uses Appendix Background Contraindications/Exclusions/Discontinuation References	Q4 2024
REVISION- Notable revisions: Age Restrictions Quantity FDA-Approved Uses Available Dosage Forms References	Q3 2024
REVISION- Notable revisions: Diagnosis Required Medical Information Continuation of Therapy Appendix Background Other Special Considerations References	Q4 2023
REVISION- Notable revisions: Required Medical Information Continuation of Therapy Prescriber Requirements Quantity FDA-Approved Uses Appendix Contraindications/Exclusions/Discontinuation Available Dosage Forms References	Q4 2022
Q2 2022 Established tracking in new format	Historical changes on file