

ALASKA MEDICAID  
Prior Authorization Criteria

## Dupixent® (dupilumab)

### **FDA INDICATIONS AND USAGE**<sup>1</sup>

Dupixent® is an interleukin-4 receptor alpha antagonist indicated:

- **Atopic Dermatitis**-for the treatment of adult and pediatric patients aged 6 months and older with moderate-to-severe AD whose disease is not adequately controlled with topical prescription therapies or when these therapies are not advisable. Dupixent can be used with or without topical corticosteroids.
- **Asthma**-as an add-on maintenance treatment of adult and pediatric patients aged 6 years and older with moderate-to-severe asthma characterized by an eosinophilic phenotype or with oral corticosteroid dependent asthma
  - Limitations of Use-Not for the relief of acute bronchospasm or status asthmaticus.
- **Chronic Rhinosinusitis with Nasal Polyps**-as an add-on maintenance treatment in adult and pediatric patients aged 12 years and older with inadequately controlled chronic rhinosinusitis with nasal polyps (CRSwNP).
- **Eosinophilic Esophagitis**-for the treatment of adult and pediatric patients aged 1 year and older, weighing at least 15 kg, with eosinophilic esophagitis (EoE).
- **Prurigo Nodularis**-for the treatment of adult patients with prurigo nodularis (PN).
- **Chronic Obstructive Pulmonary Disease**-as an add-on maintenance treatment of adult patients with inadequately controlled chronic obstructive pulmonary disease (COPD) and an eosinophilic phenotype.
  - Limitations of Use-Not for the relief of acute bronchospasm.

### **APPROVAL CRITERIA**<sup>1,2,3,4,5,6,7</sup>

#### **Atopic Dermatitis (AD)**

1. Patient meets FDA labeled age **AND**;
2. Prescribed by or in consultation with an allergist, immunologist, or dermatologist **AND**;
3. Documentation of the affected baseline body surface area affected and severity of symptoms **AND**;
4. Must have tried and failed or has a contraindication to at least two of the following for a period of 30 days:
  - a. > 18 years of age a medium to high potency topical corticosteroid or <18 years of age a low potency topical corticosteroid
  - b. Topical calcineurin inhibitor
  - c. Phosphodiesterase 4 inhibitor

#### **Moderate to Severe Asthma**

1. Patient meets FDA labeled age **AND**;
2. Prescribed by or in consultation with an allergist, immunologist, or pulmonologist **AND**;
3. Patient has eosinophilic phenotype with an eosinophil count  $\geq 150$  cells/mcL **OR**;
4. Patient has ongoing symptoms of asthma with a minimum 3 month trial of a combination inhaled corticosteroid plus a long acting beta agonist **AND**;
5. Not being used for relief of acute bronchospasms or status asthmaticus.

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**Chronic Rhinosinusitis with Nasal Polyposis (CRSwNP)**

1. Patient meets FDA labeled age **AND;**
2. Prescribed by or in consultation with an allergist, immunologist, or ENT specialist **AND;**
3. Patient has had inadequate response, intolerance, or contraindication to a 3-month trial of TWO nasal corticosteroid sprays **AND;**
4. Will be used as an add on maintenance therapy.

**Eosinophilic Esophagitis (EoE)**

1. Patient meets FDA labeled age **AND;**
2. Prescribed by or in consultation with an allergist, immunologist, or ENT specialist **AND;**
3. Patient has  $\geq 15$  intraepithelial eosinophils per high-power field (eos/hpf) **AND;**
4. Patient has symptoms of dysphagia (e.g., pain while swallowing, drooling, sensation of food getting stuck in the throat or chest) **AND;**
5. Patients weight is  $\geq 40$  kg.

**Prurigo Nodularis (PN)**

1. Patient meets FDA labeled age **AND;**
2. Prescribed by or in consultation with an allergist, immunologist, or dermatologist **AND;**
3. Documentation of the affected baseline body surface area affected and severity of symptoms **AND;**
4. Must have tried and failed or has a contraindication to a high potency corticosteroid for a minimum period of 30 days

**Chronic Obstructive Pulmonary Disease (COPD)**

1. Patient meets FDA labeled age **AND;**
2. Prescribed by or in consultation with a pulmonologist
3. Patient has had an inadequate response to triple therapy (long-acting beta agonist + inhaled corticosteroid + long-acting muscarinic antagonist) for a minimum of three consecutive months of use **AND;**
4. Patient has demonstrated all of the following:
  - a.  $\geq 2$  moderate or  $\geq 1$  severe exacerbations within the year prior to screening including  $\geq 1$  exacerbation while patient receiving above triple therapy regimen within the past year
  - b. Patient post-bronchodilator FEV1/FVC ratio  $< 0.7$  and post-bronchodilator FEV1 of 30% to 70% predicted
  - c. Patient has an eosinophil count  $\geq 300$  cells/ $\mu$ L within the last 60 days

**DENIAL CRITERIA**

1. Failure to meet approval criteria **OR;**
2. Being used in conjunction with another biologic medication (I.E. Enbrel, Xolair, Remicade, etc.)

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**CAUTIONS<sup>1</sup>**

- Monitor for hypersensitivity reactions after administration.
- Patient should be monitored for new or worsening eye symptoms.
- Corticosteroids should not be discontinued abruptly upon initiation of therapy.
- Monitor patients for vasculitic rash, worsening pulmonary symptoms, or neuropathies.

**DURATION OF APPROVAL**

- Approval: Up to 3 months
- Reauthorization: Up to 12 months

**QUANTITY LIMITS**

- Initial Dose up to 600mg
- Subsequent doses up to 300mg per week

**REFERENCES / FOOTNOTES:**

1. Dupixent<sup>®</sup> subcutaneous injection [prescribing information]. Bridgewater, NJ: Regeneron Pharmaceuticals, Inc.; September 2024.
2. Simpson EL, Bieber T, Guttman-Yassky E, et al. Two phase 3 trials of dupilumab versus placebo in atopic dermatitis. *New England Journal of Medicine*. 2016;375(24):2335-2348.
3. Eichenfield LF, Tom WL, Berger TG, et al. Guidelines of care for the management of atopic dermatitis. Section 2: management and treatment of atopic dermatitis with topical therapies. *Journal American Academy Dermatology*. 2014;71(1):116-132.
4. Wenzel S, Castro M, Corren J, et al. Dupilumab efficacy and safety in adults with uncontrolled persistent asthma despite use of medium-to-high-dose inhaled corticosteroids plus a long-acting beta-2 agonist: a randomized double-blind placebo-controlled pivotal phase 2b dose-ranging trial. *Lancet*. 2016;388:31-44.
5. Global Initiative for Asthma. Global strategy for asthma management and prevention. Updated 2019. Available at: <http://www.ginasthma.org>. Accessed on: March 10, 2020.
6. Bachert C, Mannent L, Naclerio RM, et al. Effect of subcutaneous dupilumab on nasal polyp burden in patients with chronic sinusitis and nasal polyposis: a randomized clinical trial. *JAMA*. 2016;315(5):469-479.
7. Bhatt S, Rabe K, Hanania N, et al. Dupilumab for COPD with Type 2 inflammation Indicated by Eosinophil Counts. *New England Journal of Medicine* 2023;389:205-214