

## PHARMACY POLICY STATEMENT

### Georgia Medicaid

<b>DRUG NAME</b>	Nucala (mepolizumab)
<b>BILLING CODE</b>	Medical: J2182 (1 unit = 1 mg) Pharmacy: Must use valid NDC code
<b>BENEFIT TYPE</b>	Medical or Pharmacy
<b>SITE OF SERVICE ALLOWED</b>	Home/Office/Outpatient Hospital
<b>COVERAGE REQUIREMENTS</b>	Prior Authorization Required (Non-Preferred Product) QUANTITY LIMIT – see dosage allowed
<b>LIST OF DIAGNOSES CONSIDERED NOT MEDICALLY NECESSARY</b>	<a href="#">Click Here</a>

**Nucala (mepolizumab) is a non-preferred product and will only be considered for coverage under the pharmacy and medical benefit when the following criteria are met:**

Members must be clinically diagnosed with one of the following disease states and meet their individual criteria as stated.

### HYPEREOSINOPHILIC SYNDROME (HES)

For initial authorization:

1. Member must be 12 years of age or older; AND
2. Medication must be prescribed by or in consultation with an immunologist, allergist, or hematologist; AND
3. Member has diagnosis of HES; AND
4. Member has a documented blood eosinophil count of >1500 cells/  $\mu$ L; AND
5. Member has trialed and failed Glucocorticoids for at least one month; AND
6. Member has a history of 2 or more HES flares within the past year defined as worsening of clinical signs and symptoms or increasing eosinophils requiring an escalation in therapy; AND
7. Member does not have either of the following:
  - a) Identifiable non-hematologic secondary cause (i.e., drug hypersensitivity, parasitic helminth infection, HIV infection, non-hematologic malignancy);
  - b) FIP1L1-PDGFR $\alpha$  kinase positive HES.
8. Dosage allowed: 300 mg as 3 separate 100-mg injections administered subcutaneously once every 4 weeks.

If member meets all the requirements listed above, the medication will be approved for 6 months.

For reauthorization:

1. Member must be in compliance with all other initial criteria; AND
2. Chart notes have been provided that show the member has demonstrated improvement (i.e. reduction of HES flares, reduction in blood eosinophil count).

If member meets all the reauthorization requirements above, the medication will be approved for an additional 12 months.

## **EOSINOPHILIC GRANULOMATOSIS WITH POLYANGIITIS (EGPA/Churg-Strauss Syndrome)**

For initial authorization:

1. Member must be 18 years of age or older; AND
2. Medication must be prescribed by or in consultation with a pulmonologist, immunologist, allergist, or rheumatologist; AND
3. Member has a confirmed diagnosis of EGPA with a history or presence of asthma and documented eosinophilia (>1500 cells/ $\mu$ L and/or >10% of leucocytes); AND
4. Member has trialed and failed glucocorticoids with or without an immunosuppressant (cyclophosphamide, azathioprine, methotrexate, rituximab) for at least 4 weeks; AND
5. Member does not have either of the following:
  - a) Diagnosis of GPA or MPA;
  - b) Organ-threatening or imminently life-threatening EGPA.
6. Dosage allowed: 300 mg as 3 separate 100-mg injections administered subcutaneously once every 4 weeks.

If member meets all the requirements listed above, the medication will be approved for 6 months.

For reauthorization:

1. Member must be in compliance with all other initial criteria; AND
2. Chart notes have been provided that show the member has demonstrated improvement (i.e. reduction in relapse rate, oral corticosteroid (OCS) dose, or blood eosinophil count).

If member meets all the reauthorization requirements above, the medication will be approved for an additional 12 months.

## **SEVERE ASTHMA**

For initial authorization:

1. Member must be 6 years of age or older; AND
2. Medication must be prescribed by or in consultation with a pulmonologist, immunologist or allergist; AND
3. Member has a blood eosinophil count of at least 300 cells/ $\mu$ L or at least 150 cells/ $\mu$ L if taking maintenance oral corticosteroids (OCS); AND
4. Member has at least two documented severe asthma exacerbations requiring oral corticosteroids (OCS), or at least one requiring hospitalization, within last year; AND
5. Member's asthma has been inadequately controlled after 3 months of conventional treatment on medium to high doses of inhaled corticosteroids (ICS) and long acting beta 2-agonists (LABA); AND
6. Medication is being used as add-on maintenance treatment to conventional therapies for asthma (i.e. ICS, LABA, etc.); AND
7. Medication is not used in conjunction with any other biologic therapy for asthma.
8. Dosage allowed: 100 mg by subcutaneous injection once every 4 weeks for patients aged 12 years and older. 40 mg by subcutaneous injection once every 4 weeks for patients aged 6 to 11 years.

If member meets all the requirements listed above, the medication will be approved for 16 weeks.

For reauthorization:

1. Medication not being used as monotherapy for asthma; AND
2. Member must be in compliance with all other initial criteria; AND
3. Chart notes have been provided that show the member has demonstrated improvement during 16 weeks of medication therapy:
  - a) Decreased frequency of emergency department visits or hospitalizations due to asthma exacerbations; OR

- b) Improved functional ability (i.e. decreased effect of asthma on ability to exercise, function in school or at work, or quality of sleep); OR
- c) Decreased utilization of rescue medications or oral corticosteroids.

If member meets all the reauthorization requirements above, the medication will be approved for an additional 12 months.

CareSource considers Nucala (mepolizumab) not medically necessary for the treatment of the diseases that are not listed in this document.

DATE	ACTION/DESCRIPTION
05/18/2017	New policy for Nucala created. Conventional treatment options expanded.
03/16/2018	New indication of Eosinophilic Granulomatosis With Polyangiitis added.
12/28/2020	New indication of <u>Hypereosinophilic Syndrome</u> added. <u>Severe Asthma</u> : changed from 12 yo or older to 6 yo or older; adjusted eosinophil count; added documented exacerbations; removed ICS + LTRA and ICS + theophylline treatments; removed increase in predicted FEV1 from reauthorization section. <u>EGPA</u> : adjusted eosinophil count; removed the list of additional EGPA features; removed definitions of relapsing and refractory EGPA (BVAS not used in practice); removed exclusion criteria (only applicable in clinical trial setting) and replaced with no GPA, MPA, or life threatening EGPA; removed hx of alcohol/substance abuse; changed initial approval period from 12 months to 6 months.

References:

1. Nucala [package insert]. Philadelphia, PA: GlaxoSmithKline LLC; 2020.
2. Walford HH, Doherty TA. Diagnosis and management of eosinophilic asthma: a US perspective. *J Asthma Allergy*. 2014;7:53–65.
3. Pavord ID, Korn S, Howarth P, et al. Mepolizumab for severe eosinophilic asthma (DREAM): A multicentre, double-blind, placebo-controlled trial. *Lancet*. 2012;380(9842):651-659.
4. ClinicalTrials.gov [Internet]. Bethesda (MD): National Library of Medicine (US). Identifier NCT00287391, A Study to Investigate Mepolizumab in the Treatment of Eosinophilic Granulomatosis With Polyangiitis; 2018 Jan 26. Available at: <https://clinicaltrials.gov/ct2/show/NCT02020889?term=mepolizumab&recrs=e&rank=9>.
5. Wechsler ME, Akuthota P, Jayne D, et al. EGPA Mepolizumab Study Team. Mepolizumab or Placebo for Eosinophilic Granulomatosis with Polyangiitis. *N Engl J Med*. 2017 May 18;376(20):1921-1932. doi: 10.1056/NEJMoa1702079.
6. Matteson EL. Eosinophilic Granulomatosis with Polyangiitis (EGPA/Churg-Strauss Syndrome). Vasculitis Foundation. Available at: <https://www.vasculitisfoundation.org/education/forms/eosinophilic-granulomatosis-with-polyangiitis-churg-strauss-syndrome/>.
7. Wechsler ME, Akuthota P, Jayne D et al. Mepolizumab or Placebo for Eosinophilic Granulomatosis with Polyangiitis. *N Engl J Med* 2017; Supplementary Appendix.
8. Difficult-To-Treat & Severe Asthma in Adolescent and Adult Patients: Diagnosis and Management. Global Initiative For Asthma (GINA); Apr. 2019. Available at: <https://ginasthma.org/wp-content/uploads/2018/11/GINA-SA-FINAL-wms.pdf>.
9. 2020 Focused Updates To The Asthma Management Guidelines. National Institute of Health; Dec 2020. Available at: <https://www.nhlbi.nih.gov/health-topics/asthma-management-guidelines-2020-updates>.
10. Kostikas K, Brindicci C, Patalano F. Blood Eosinophils as Biomarkers to Drive Treatment Choices in Asthma and COPD. *Curr Drug Targets*. 2018;19(16):1882-1896. doi:10.2174/1389450119666180212120012
11. Roufosse F, Kahn JE, Rothenberg ME, et al. Efficacy and safety of mepolizumab in hypereosinophilic syndrome: a Phase III, randomized, placebo-controlled trial. *Journal of Allergy and Clinical Immunology* (2020), doi: <https://doi.org/10.1016/j.jaci.2020.08.037>.
12. Schuster B, Zink A, Eyerich K. Medical algorithm: Diagnosis and treatment of hypereosinophilic syndrome. *Allergy*. 2020; 75(11): 3003-3006. <https://doi.org/10.1111/all.14368>

13. Shomali W, Gotlib J. World Health Organization-defined eosinophilic disorders: 2019 update on diagnosis, risk stratification, and management. *Am J Hematol*. 2019 Oct;94(10):1149-1167. doi: 10.1002/ajh.25617.
14. Butt NM, Lambert J, Ali S, et al. Guideline for the investigation and management of eosinophilia. *Br J Haematol*. 2017;176(4):553-572. doi:10.1111/bjh.14488
15. Valent P, Klion AD, Horny HP, et al. Contemporary consensus proposal on criteria and classification of eosinophilic disorders and related syndromes. *J Allergy Clin Immunol*. 2012;130(3):607-612.e9. doi:10.1016/j.jaci.2012.02.019
16. Klion A. Hypereosinophilic syndrome: approach to treatment in the era of precision medicine. *Hematology Am Soc Hematol Educ Program*. 2018;2018(1):326-331. doi:10.1182/asheducation-2018.1.326
17. Greco A, Rizzo MI, De Virgilio A, et al. Churg-Strauss syndrome. *Autoimmunity Reviews*. 2015; 14(4): 341-348. <https://doi.org/10.1016/j.autrev.2014.12.004>.
18. Raffray L, Guillevin L. Updates for the treatment of EGPA. *La Presse Medicale*. 2020; 49(3). <https://doi.org/10.1016/j.lpm.2020.104036>.
19. Groh M, Pagnoux C, Baldini C, et al. Eosinophilic granulomatosis with polyangiitis (Churg-Strauss) (EGPA) Consensus Task Force recommendations for evaluation and management. *European Journal of Internal Medicine*. 2015; 26(7): 545-553. <https://doi.org/10.1016/j.ejim.2015.04.022>.

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