



DATE	ACTION/DESCRIPTION
12/01/2017	New policy for Fasenra created.
05/12/2018	Baseline (pre-benralizumab treatment) peripheral blood eosinophil level was changed
11/25/2020	Eosinophil count was updated to be consistent with guidelines; exacerbation number was updated to be consistent with guidelines (2 requiring OCS or 1 requiring hospitalization in the last year); changed from not to be used with Nucala or Cinqair to not to be used with any other asthma biologic.
02/23/2022	Transferred to new template. Annual review; no changes
11/20/2023	Changed eosinophil cutoff to 150. Added Pharmacy as benefit option. Rephrased renewal criteria. Updated references.

References:

1. Fasenra [package insert]. Wilmington, DE: AstraZeneca Pharmaceuticals; 2021.
2. FitzGerald JM, Bleecker ER, Nair P, et al. Benralizumab, an anti-interleukin-add-on treatment for patients with severe, uncontrolled, eosinophilic asthma (CALIMA): a randomised, double-blind, placebo-controlled phase 3 trial. *Lancet*. 2016;388(10056):2128-2141. doi:10.1016/S0140-6736(16)31322-8
3. Nair P, Wenzel S, Rabe KF, et al. Oral Glucocorticoid-Sparing Effect of Benralizumab in Severe Asthma. *N Engl J Med*. 2017;376(25):2448-2458. doi:10.1056/NEJMoa1703501
4. Bleecker ER, FitzGerald JM, Chanez P, et al. Efficacy and safety of benralizumab for patients with severe asthma uncontrolled with high-dosage inhaled corticosteroids and long-acting beta<sub>2</sub>-agonists (SIROCCO): a randomised, multicentre, placebo-controlled phase 3 trial. *Lancet*. 2016;388(10056):2115-2127. doi:10.1016/S0140-6736(16)31324-1
5. Goldman M, Hirsch I, Zangrilli JG, et al. The association between blood eosinophil count and benralizumab efficacy for patients with severe, uncontrolled asthma: subanalyses of the Phase III SIROCCO and CALIMA studies. *Curr Med Res Opin*. 2017 Sep;33(9):1605-1613.
6. 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
7. Farne HA, Wilson A, Milan S, Banchoff E, Yang F, Powell CV. Anti-IL-5 therapies for asthma. *Cochrane Database Syst Rev*. 2022;7(7):CD010834. Published 2022 Jul 12. doi:10.1002/14651858.CD010834.pub4
8. Holguin F, Cardet JC, Chung KF, et al. Management of severe asthma: a European Respiratory Society/American Thoracic Society guideline. *Eur Respir J*. 2020;55(1):1900588. Published 2020 Jan 2. doi:10.1183/13993003.00588-2019
9. Global Initiative for Asthma (GINA). Difficult-To-Treat & Severe Asthma in Adolescent and Adult Patients, 2023. Available from [www.ginasthma.org](http://www.ginasthma.org)
10. Institute for Clinical and Economic Review (ICER). Biologic Therapies for Treatment of Asthma Associated with Type 2 Inflammation: Effectiveness, Value, and Value-Based Price Benchmarks. Final Evidence Report: December 20, 2018.

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