

PHARMACY POLICY STATEMENT Ohio Medicaid	
DRUG NAME	
	Benlysta (belimumab)
BILLING CODE	For medical - J0490
BENEFIT TYPE	Medical
SITE OF SERVICE ALLOWED	Office/Home
COVERAGE REQUIREMENTS	Prior Authorization Required (Non-Preferred Product)
	QUANTITY LIMIT— see Dosage allowed below
LIST OF DIAGNOSES CONSIDERED NOT	Click Here
MEDICALLY NECESSARY	

Benlysta (belimumab) will be considered for coverage under the **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.

SYSTEMIC LUPUS ERYTHEMATOSUS (SLE)

For initial authorization:

- 1. Member is 5 years of age or older; AND
- 2. Medication must be prescribed by or in consultation with a rheumatologist; AND
- 3. Member has autoantibody-positive SLE as confirmed by documentation of anti-nuclear antibody (ANA) titer ≥1:80 or anti-double-stranded DNA (anti-dsDNA) ≥ 30 IU/mL; AND
- 4. Member has documented moderately active disease or SELENA-SLEDAI score of 6 or greater; AND
- 5. Member has tried and failed <u>all</u> the following (unless contraindicated):
 - a) Hydroxychloroquine (or chloroquine), and
 - b) Corticosteroid, and
 - c) A non-steroid immunosuppressant (methotrexate, azathioprine, mycophenolate mofetil, cyclophosphamide) for at least 12 weeks.

6. Dosage allowed:

<u>IV (Adult or Pediatric)</u>: 10mg/kg every 2 weeks for 3 doses and every 4 weeks thereafter <u>subQ (Adult only)</u>: 200 mg once weekly [limit of 4 syringes/28 days]

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

For reauthorization:

- Chart notes must document at least a 4-point improvement of the SELENA-SLEDAI score (or low disease activity as measured by another validated activity score) since starting Benlysta, OR
- 2. Documented reduction in corticosteroid use.

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



LUPUS NEPHRITIS

For **initial** authorization:

- 1. Member is at least 18 years of age; AND
- 2. Medication must be prescribed by or in consultation with a nephrologist or rheumatologist; AND
- 3. Member has a diagnosis of lupus nephritis class III, IV, and/or V as confirmed by kidney biopsy; AND
- 4. Medication must be prescribed in combination with standard therapy such as mycophenolate mofetil (MMF) or cyclophosphamide; AND
- 5. Chart notes must document baseline eGFR and urine protein creatinine ratio (UPCR); AND
- 6. eGFR is at least 30 mL/min/1.73m²; AND
- 7. Member is not on dialysis and has not had a kidney transplant.
- 8. Dosage allowed:

<u>IV</u>: 10mg/kg every 2 weeks for 3 doses and every 4 weeks thereafter <u>subQ</u>: 400 mg (as two 200 mg injections) once weekly for 4 doses, then 200 mg once weekly thereafter [limit of 8 syringes/28 days for the first fill, then 4 syringes/28 days going forward]

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

For reauthorization:

- 1. Member has a reduced UPCR from baseline (goal is 0.5 mg/mg or less); AND
- 2. eGFR is at least 60mL/min/1.73m²OR has stabilized (not declined).

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

CareSource considers Benlysta (belimumab) not medically necessary for the treatment of the following disease states based on a lack of robust clinical controlled trials showing superior efficacy compared to currently available treatments:

• Severe active central nervous system lupus

DATE	ACTION/DESCRIPTION
10/18/2017	New policy for Benlysta created. Length of approval was increased, system involvement limitations were removed and improvement of SELENA-SLEDAI score was added in reauthorization.
07/28/2019	Age coverage expanded from adult population (18 years old and older) to pediatric population of 5 years old and older.
04/13/2021	Added criteria for new indication of lupus nephritis. SLE: Updated references and added current treatment guidelines. Removed the mandate for daily corticosteroid dependence and replaced with a general trial and failure of corticosteroid. Emphasized that a non-steroid immunosuppressive must also be tried first. Added "moderately active disease." Removed IV cyclophosphamide restriction. Specified 4-point improvement or reduced steroid use for renewal and removed other renewal criteria.
10/6/2022	Updated benefit due to OH single PBM.

References:

1. Benlysta [package insert]. Research Triangle Park, NC: GlaxoSmithKline LLC; March 2021.



- Furie R, Petri M, Zamani O, et al. A phase III, randomized, placebo-controlled study of belimumab, a monoclonal antibody that inhibits B lymphocyte stimulator, in patients with systemic lupus erythematosus. Arthritis Rheum. 2011; 63 (12): 3918 – 30.
- 3. Navarra SV, Guzman RM, Gallacher AE, et al. Efficacy and safety of belimumab in patients with active systemic lupus erythematosus: a randomized, placebo-controlled, phase 3 trial. Lancet. 2011; 26 (377): 721 31.
- Wallace DJ, Sohl W, Furie RA, et al, A phase II, randomized, double-blind, placebo-controlled, dose-ranging study of belimumab in patients with active systemic lupus erythematosus. Arthritis Rheum. 2009; 61 (9): 1168 – 78.
- American College of Rheumatology Ad Hoc Committee on Systemic Lupus Erythematosus Response Criteria. The American College of Rheumatology response criteria for systemic lupus erythematosus clinical trials: measures of overall disease activity. Arthritis Rheum. 2004; 50 (11): 3418 – 26.
- 6. Petri M. Disease activity assessment in SLE: do we have the right instruments? Ann Rheum Dis. 2007; 66 (suppl III):iii61 iii64.
- 7. ClinicalTrials.gov. Identifier: NCT01649765. Pediatric Lupus Trial of Belimumab Plus Background Standard Therapy (PLUTO). Available at: <u>https://clinicaltrials.gov/ct2/show/NCT01649765?term=01649765&rank=1</u>.
- Hahn BH, McMahon MA, Wilkinson A, et al. American College of Rheumatology guidelines for screening, treatment, and management of lupus nephritis. *Arthritis Care Res (Hoboken)*. 2012;64(6):797-808. doi:10.1002/acr.21664
- Fanouriakis A, Kostopoulou M, Cheema K, et al. 2019 Update of the Joint European League Against Rheumatism and European Renal Association-European Dialysis and Transplant Association (EULAR/ERA-EDTA) recommendations for the management of lupus nephritis. *Ann Rheum Dis*. 2020;79(6):713-723. doi:10.1136/annrheumdis-2020-216924
- Tice JA, Mandrik O, Thokala P, Fotheringham J, Agboola F, HerronSmith S, Chapman R, Pearson SD. Voclosporin and Belimumab for Lupus Nephritis: Effectiveness and Value; Evidence Report. Institute for Clinical and Economic Review, March 12, 2021. <u>https://icer.org/wp-content/uploads/2020/11/ICER_Lupus-Nephritis_ Evidence-Report_031221.pdf</u>
- 11. Furie R, Rovin BH, Houssiau F, et al. Two-Year, Randomized, Controlled Trial of Belimumab in Lupus Nephritis. *N Engl J Med*. 2020;383(12):1117-1128. doi:10.1056/NEJMoa2001180
- Rovin BH, Caster DJ, Cattran DC, et al. Management and treatment of glomerular diseases (part 2): conclusions from a Kidney Disease: Improving Global Outcomes (KDIGO) Controversies Conference. *Kidney Int.* 2019;95(2):281-295. doi:10.1016/j.kint.2018.11.008
- 13. Fanouriakis A, Kostopoulou M, Alunno A, et al. 2019 update of the EULAR recommendations for the management of systemic lupus erythematosus. *Ann Rheum Dis*. 2019;78(6):736-745. doi:10.1136/annrheumdis-2019-215089
- 14. Blair HA, Duggan ST. Belimumab: A Review in Systemic Lupus Erythematosus. *Drugs*. 2018;78(3):355-366. doi:10.1007/s40265-018-0872-z
- 15. Belimumab for treating active autoantibody-positive systemic lupus erythematosus. NICE guidance. <u>https://www.nice.org.uk/guidance/ta397</u>. Published June 22, 2016. Accessed April 21, 2021.
- Aringer M, Costenbader K, Daikh D, et al. 2019 European League Against Rheumatism/American College of Rheumatology Classification Criteria for Systemic Lupus Erythematosus. *Arthritis Rheumatol*. 2019;71(9):1400-1412. doi:10.1002/art.40930
- 17. Kleinmann JF, Tubach F, Le Guern V, et al. International and multidisciplinary expert recommendations for the use of biologics in systemic lupus erythematosus. *Autoimmun Rev*. 2017;16(6):650-657. doi:10.1016/j.autrev.2017.04.011
- Collins CE, Cortes-Hernández J, Garcia MA, et al. Real-World Effectiveness of Belimumab in the Treatment of Systemic Lupus Erythematosus: Pooled Analysis of Multi-Country Data from the OBSErve Studies. *Rheumatol Ther.* 2020;7(4):949-965. doi:10.1007/s40744-020-00243-2
- 19. Singh JA, Shah NP, Mudano AS. Belimumab for systemic lupus erythematosus. *Cochrane Database Syst Rev.* 2021;2:CD010668. Published 2021 Feb 25. doi:10.1002/14651858.CD010668.pub2
- 20. Gordon C, Amissah-Arthur MB, Gayed M, et al. The British Society for Rheumatology guideline for the management of systemic lupus erythematosus in adults. *Rheumatology (Oxford)*. 2018;57(1):e1-e45. doi:10.1093/rheumatology/kex286

Effective date:10/06/2022 Revised date: 10/01/2022