

Lemtrada® (alemtuzumab) (Intravenous)

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I. Length of Authorization

Coverage will be approved initially for 5 doses and may be renewed for 3 doses annually thereafter.

II. Dosing Limits

A. Quantity Limit (max daily dose) [Pharmacy Benefit]:

First Course

- Lemtrada 12 mg/1.2 mL: 5 vials per 365 days (1 vial daily x 5 days per year)

Second/Subsequent Courses

- Lemtrada 12 mg/1.2 mL: 3 vials per 365 days (1 vial daily x 3 days per year)

B. Max Units (per dose and over time) [Medical Benefit]:

- First Course
 - 60 billable units (1 dose daily x 5 days) during the first 12 months
- Second/Subsequent Courses
 - 36 billable units (1 dose daily x 3 days) every 12 months thereafter

III. Initial Approval Criteria

Coverage is provided in the following conditions:

- Patient is 18 years or older; AND
- Patient has received a baseline skin exam for melanoma; AND
- Patient must not have human immunodeficiency virus infection; AND
- Patient has been evaluated and screened for the presence of varicella zoster virus (VZV) and vaccinated, if required, prior to initiating treatment; AND
- Patient should be screened for the presence of tuberculosis according to local guidelines; AND

- Must not be administered concurrently, or within 6 weeks prior to treatment, with live vaccines ; AND
- Administered with anti-viral prophylaxis for herpetic viral infections initiated on the first day of treatment and continued for two months following treatment (or until the CD4+ lymphocyte count is ≥ 200 cells/mcL); AND
- Patient has a baseline urine protein to creatinine ratio measured prior to initiation of treatment; AND
- Patient has a baseline thyroid-stimulating hormone (TSH) level prior to initiation of treatment; AND

Multiple Sclerosis †

- Patient has been diagnosed* with a relapsing form of multiple sclerosis [i.e. relapsing-remitting disease (RRMS) or secondary progressive MS (SPMS) with relapses]; AND
- Confirmed diagnosis* of MS as documented by laboratory report (i.e., MRI); AND
- Prescriber and patient must be enrolled in and meet the conditions of the LEMTRADA REMS program; AND
- Must be used as single agent therapy; AND
- Patient should have had an inadequate response to an adequate trial of two or more drugs indicated for the treatment of MS

† FDA Approved Indication(s)

***Definitive diagnosis of MS with a relapsing-remitting course is based upon BOTH dissemination in time and space. Unless contraindicated, MRI should be obtained (even if criteria are met).**

<u>Dissemination in time</u> (Development/appearance of new CNS lesions over time)	<u>Dissemination in space</u> (Development of lesions in distinct anatomical locations within the CNS; multifocal)
<ul style="list-style-type: none"> • ≥ 2 clinical attacks; OR • 1 clinical attack <u>AND</u> one of the following: <ul style="list-style-type: none"> ○ MRI indicating simultaneous presence of gadolinium-enhancing and non-enhancing lesions at any time or by a new T2-hyperintense or gadolinium-enhancing lesion on follow-up MRI compared to baseline scan ○ CSF-specific oligoclonal bands 	<ul style="list-style-type: none"> • ≥ 2 lesions; OR • 1 lesion <u>AND</u> one of the following: <ul style="list-style-type: none"> ○ Clear-cut historical evidence of a previous attack involving a lesion in a distinct anatomical location ○ MRI indicating ≥ 1 T2-hyperintense lesions characteristic of MS in ≥ 2 of 4 areas of the CNS (periventricular, cortical or juxtacortical, infratentorial, or spinal cord)

IV. Renewal Criteria

Authorizations can be renewed based upon the following criteria:

- Patient continues to meet the criteria identified in section III; AND
- Patient has not received a dose of alemtuzumab within the past 12 months; AND

- Patient is receiving ongoing monitoring for presence of TB or other active infections; AND
- Patient is receiving ongoing laboratory monitoring (e.g., TSH levels, urine protein to creatinine ratio, etc.) and physical examinations (melanoma exam, malignancies, infection, etc.) as indicated; AND
- Absence of unacceptable toxicity from the drug. Examples of unacceptable toxicity include the following: immune thrombocytopenia, glomerular nephropathies, thyroid disorders, autoimmune conditions, severe infusion reactions, ischemic or hemorrhagic strokes, malignancies, etc.; AND
- Continuous monitoring of response to therapy [manifestations of MS disease activity include, but are not limited to, an increase in annualized relapse rate (ARR), development of new/worsening T2 hyperintensities or enhancing lesions on brain/spinal MRI, and progression of sustained impairment as evidenced by EDSS, timed 25-foot walk (T25-FW), 9-hole peg test (9-HPT)].
 - Inadequate response, in those who have been adherent and receiving therapy for sufficient time to realize the full treatment effect, is defined as ≥ 1 relapse, ≥ 2 unequivocally new MRI-detected lesions, or increased disability on examination over a one-year period

V. Dosage/Administration

Indication	Dose
All Indications	Administer by intravenous infusion over 4 hours: <ul style="list-style-type: none"> ▪ First course: 12 mg/day on 5 consecutive days (60 mg total dose) ▪ Second course: 12 mg/day on 3 consecutive days (36 mg total dose), administered 12 months after the first treatment course. ▪ Subsequent courses; 12 mg/day on 3 consecutive days (36 mg total dose) administered, as needed, at least 12 months after the last dose of any prior treatment course. *Patients should receive anti-viral herpetic prophylaxis therapy during treatment.

VI. Billing Code/Availability Information

Jcode:

- J0202 - Injection, alemtuzumab, 1 mg; 1mg = 1 billable unit

NDC:

- Lemtrada 12 mg/1.2 mL single-use vial: 58468-0200-xx

VII. References

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 12. Montalban X, Gold R, Thompson AJ, et al. (2018),ECTRIMS/EAN guideline on the pharmacological treatment of people with multiple sclerosis. *Eur J Neurol*, 25 Iss 2, Jan2018: 215–237. doi:10.1111/ene.13536
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 15. Palmetto GBA. Billing and Coding Instructions for Lemtrada® (alemtuzumab) When Used in the Treatment of Relapsing Multiple Sclerosis (A55310). Centers for Medicare & Medicaid Services, Inc. Updated on 03/01/2018 with effective date 04/01/2018. Accessed August 2018.

Appendix 1 – Covered Diagnosis Codes

ICD-10	ICD-10 Description
G35	Multiple Sclerosis

Appendix 2 – Centers for Medicare and Medicaid Services (CMS)

Medicare coverage for outpatient (Part B) drugs is outlined in the Medicare Benefit Policy Manual (Pub. 100-2), Chapter 15, §50 Drugs and Biologicals. In addition, National Coverage Determination (NCD) and Local Coverage Determinations (LCDs) may exist and compliance with these policies is required where applicable. They can be found at: <http://www.cms.gov/medicare-coverage-database/search/advanced-search.aspx>. Additional indications may be covered at the discretion of the health plan.

Medicare Part B Covered Diagnosis Codes (applicable to existing NCD/LCD):

Jurisdiction(s): J, M	NCD/LCD Document (s): A55310
https://www.cms.gov/medicare-coverage-database/search/article-date-search.aspx?DocID=A55310&bc=gAAAAAAAAAAAAA==	

Medicare Part B Administrative Contractor (MAC) Jurisdictions		
Jurisdiction	Applicable State/US Territory	Contractor
E (1)	CA, HI, NV, AS, GU, CNMI	Noridian Healthcare Solutions, LLC
F (2 & 3)	AK, WA, OR, ID, ND, SD, MT, WY, UT, AZ	Noridian Healthcare Solutions, LLC
5	KS, NE, IA, MO	Wisconsin Physicians Service Insurance Corp (WPS)
6	MN, WI, IL	National Government Services, Inc. (NGS)
H (4 & 7)	LA, AR, MS, TX, OK, CO, NM	Novitas Solutions, Inc.
8	MI, IN	Wisconsin Physicians Service Insurance Corp (WPS)
N (9)	FL, PR, VI	First Coast Service Options, Inc.
J (10)	TN, GA, AL	Palmetto GBA, LLC
M (11)	NC, SC, WV, VA (excluding below)	Palmetto GBA, LLC
L (12)	DE, MD, PA, NJ, DC (includes Arlington & Fairfax counties and the city of Alexandria in VA)	Novitas Solutions, Inc.
K (13 & 14)	NY, CT, MA, RI, VT, ME, NH	National Government Services, Inc. (NGS)
15	KY, OH	CGS Administrators, LLC