

**Mavenclad (cladribine)
Effective 12/1/2019**

Plan	<input checked="" type="checkbox"/> MassHealth <input checked="" type="checkbox"/> Commercial/Exchange	Program Type	<input checked="" type="checkbox"/> Prior Authorization <input type="checkbox"/> Quantity Limit <input type="checkbox"/> Step Therapy
Benefit	<input checked="" type="checkbox"/> Pharmacy Benefit <input type="checkbox"/> Medical Benefit (NLX)		
Specialty Limitations	This medication has been designated specialty and must be filled at a contracted specialty pharmacy.		
Contact Information	Specialty Medications		
	All Plans	Phone: 866-814-5506	Fax: 866-249-6155
	Non-Specialty Medications		
	MassHealth	Phone: 877-433-7643	Fax: 866-255-7569
	Commercial	Phone: 800-294-5979	Fax: 888-836-0730
	Exchange	Phone: 855-582-2022	Fax: 855-245-2134
	Medical Specialty Medications (NLX)		
	All Plans	Phone: 844-345-2803	Fax: 844-851-0882
Exceptions	N/A		

Overview

Cladribine is a nucleoside inhibitor. Currently the intravenous formulation is available as an antineoplastic agent. Mavenclad is an oral formulation FDA approved for the treatment in adults with relapsing-remitting multiple sclerosis (RRMS) and active secondary progressive multiple sclerosis (SPMS). The proposed mechanism of action in MS involves cytotoxic effects on B and T lymphocytes which results in the depletion of lymphocytes.

Coverage Guidelines

Authorization may be granted for members who are currently receiving treatment with Mavenclad excluding when the product is obtained as samples or via manufacturer’s patient assistance program
OR

Approval of Mavenclad will be granted if the member meets all following criteria and documentation has been submitted:

1. The member is at least 18 years of age **AND**
2. The member has diagnosis of RRMS† or active SPMS‡
3. The prescriber is a neurologist or neurology consult notes are provided
4. The member has had an inadequate response or adverse reaction to **THREE** of the following disease modifying MS agents:
 - a. Aubagio
 - b. Gilenya or Mayzent
 - c. Glatiramer therapy
 - d. Interferon therapy
 - e. Ocrevus
 - f. Tecfidera
 - g. Tysabri

OR

5. The member has a contradiction to all disease modifying MS agents

†RRMS is characterized by clearly defined attacks (relapses or exacerbations) with full or incomplete recovery. There is minimal disease progression during the periods between relapses.

‡ SPMS is characterized by an initial relapsing-remitting MS disease course followed by gradual worsening with or without occasional relapses, minor relapses, and plateaus. Active SPMS is defined as having at least one relapse in the past two years. There are no established criteria to determine when RRMS coverts to SPMS.

Limitations

1. Approvals will be granted for one 12-month cycle with one allowable refill for the second- year cycle.

References

1. Mavenclad (cladribine) [prescribing information]. Rockland, MA: EMD Serono Inc; April 2019
2. Rae-Grant A, Day GS, Marrie RA, et al. Practice guideline recommendations summary: Disease-modifying therapies for adults with multiple sclerosis: Report of the Guideline Development, Dissemination, and Implementation Subcommittee of the American Academy of Neurology [published correction appears in *Neurology*. 2019;92(2):112]. *Neurology*. 2018;90(17):777-788. doi: 10.1212/WNL.0000000000005347
3. Montalban X, Gold R, Thompson AJ, et al.ECTRIMS/EAN guideline on the pharmacological treatment of people with multiple sclerosis [published correction appears in *Eur J Neurol*. 2018;25(3):605]. *Eur J Neurol*. 2018;25(2):215-237. doi: 10.1111/ene.13536.
4. Thompson AJ, Banwell BL, Barkhof F, et al. Diagnosis of multiple sclerosis: 2017 revisions of the McDonald criteria. *Lancet Neurol* 2018; 17:162
5. University of California, San Francisco MS-EPIC Team, Cree BAC, Hollenbach JA, et al. Silent progression in disease activity-free relapsing multiple sclerosis. *Ann Neurol* 2019; 85:653
6. MacKenzie-Graham A, Kurth F, Itoh Y, et al. Disability-Specific Atlases of Gray Matter Loss in Relapsing-Remitting Multiple Sclerosis. *JAMA Neurol* 2016; 73:944
7. Koch M, Kingwell E, Rieckmann P, et al. The natural history of secondary progressive multiple sclerosis. *J Neurol Neurosurg Psychiatry* 2010; 81:1039
8. Brownlee WJ, Hardy TA, Fazekas F, Miller DH. Diagnosis of multiple sclerosis: progress and challenges. *Lancet* 2017; 389:1336
9. Aubagio (teriflunomide) [prescribing information]. Cambridge, MA: Genzyme Corporation; March 2019
10. Gilenya (fingolimod) [prescribing information]. East Hanover, NJ: Novartis Pharmaceuticals Corporation; January 2019
11. Copaxone (glatiramer acetate) [prescribing information]. North Wales, PA: Teva Pharmaceuticals; September 2018
12. Rebif (interferon beta-1a) [product monograph]. Mississauga, Ontario, Canada: EMD Serono; August 2016
13. Mayzent (siponimod) [prescribing information]. East Hanover, NJ: Novartis Pharmaceuticals Corporation; March 2019
14. Ocrevus (ocrelizumab) [prescribing information]. South San Francisco, CA: Genetech Inc; July 2019
15. Tecfidera (dimethyl fumarate) [prescribing information]. Cambridge, MA: Biogen Idec Inc; July 2019



16. Tysabri (natalizumab) [prescribing information]. Cambridge, MA: Biogen Inc; April 2018

Review History

09/18/19 – Reviewed

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