



Louisiana

ocrelizumab (Ocrevus™)

Policy # 00559

Original Effective Date: 05/17/2017

Current Effective Date: 05/16/2018

Applies to all products administered or underwritten by Blue Cross and Blue Shield of Louisiana and its subsidiary, HMO Louisiana, Inc. (collectively referred to as the "Company"), unless otherwise provided in the applicable contract. Medical technology is constantly evolving, and we reserve the right to review and update Medical Policy periodically.

When Services May Be Eligible for Coverage

Coverage for eligible medical treatments or procedures, drugs, devices or biological products may be provided only if:

- *Benefits are available in the member's contract/certificate, and*
- *Medical necessity criteria and guidelines are met.*

Based on review of available data, the Company may consider ocrelizumab (Ocrevus™)[†] for the treatment of multiple sclerosis to be **eligible for coverage**.

Patient Selection Criteria

Coverage eligibility for ocrelizumab (Ocrevus) will be considered when ONE of the following criteria are met:

- Patient has a diagnosis of a relapsing form of multiple sclerosis [e.g. relapsing-remitting multiple sclerosis (RRMS), secondary-progressive multiple sclerosis with relapses (SPMS), or progressive-relapsing multiple sclerosis (PRMS)]; OR
- Patient has a diagnosis of primary progressive multiple sclerosis (PPMS)

When Services Are Considered Investigational

Coverage is not available for investigational medical treatments or procedures, drugs, devices or biological products.

Based on review of available data, the Company considers the use of ocrelizumab (Ocrevus) when the patient selection criteria are not met to be **investigational**.*

Background/Overview

Ocrevus is a CD20 directed cytolytic antibody that is indicated for the treatment of patients with relapsing or primary progressive forms of multiple sclerosis. It is unknown exactly how Ocrevus exerts its therapeutic effects in multiple sclerosis. Ocrevus is administered via an intravenous infusion. The starting dose is 300 mg, followed by another 300 mg 2 weeks later. Subsequent doses are 600 mg every 6 months. Ocrevus is supplied in a 300 mg per 10 mL single-dose vial.

Multiple Sclerosis

Multiple sclerosis is believed to have an immunologic mechanism that is characterized by demyelination in the brain and spinal cord. This is often expressed by symptoms such as visual and oculomotor abnormalities, weakness, urinary dysfunction, and mild cognitive impairment. Often patients will experience remissions and exacerbations. Treatment can include corticosteroids for acute exacerbations and immunomodulatory (disease modifying) drugs to prevent exacerbations. The most recent wave of disease modifying drugs for the treatment of relapsing forms of multiple sclerosis include oral products such as Gilenya, Tecfidera, and Aubagio. Other disease modifying medications include Copaxone^{®†}, Avonex^{®†},

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Rebif®‡, Extavia®‡, Betaseron®‡, Plegridy®‡, Tysabri®‡, Lemtrada®‡, and Zinbryta®‡. Ocrevus is the latest drug to be approved for relapsing forms of multiple sclerosis. It is also the first drug ever approved for the treatment of PPMS.

Relapsing forms of multiple sclerosis can include RRMS, SPMS with relapses, or PRMS. Relapsing forms of multiple sclerosis make up about 85-90% of the multiple sclerosis population, while PPMS makes up about 10-15% of the multiple sclerosis population. Relapsing forms of multiple sclerosis typically present as recurrent subacute events of neurological dysfunction followed by a complete or partial recovery and is more common in females than males. PPMS presents as a worsening of neurological dysfunction at disease onset with little or no recovery. PPMS affects an older population (40 years) vs. relapsing forms (30 years) of multiple sclerosis. PPMS is evenly distributed amongst males and females and leads to a rapid progression of disability.

FDA or Other Governmental Regulatory Approval

U.S. Food and Drug Administration (FDA)

Ocrevus is a CD20 directed cytolytic antibody that is indicated for the treatment of patients with relapsing or primary progressive forms of multiple sclerosis.

Rationale/Source

This medical policy was developed through consideration of peer-reviewed medical literature generally recognized by the relevant medical community, FDA approval status, nationally accepted standards of medical practice and accepted standards of medical practice in this community, Blue Cross and Blue Shield Association technology assessment program (TEC) and other non-affiliated technology evaluation centers, reference to federal regulations, other plan medical policies, and accredited national guidelines.

The safety and efficacy of Ocrevus in patients with relapsing multiple sclerosis was established in two identical randomized, double-blind, active controlled parallel group trials that used Rebif as the active comparator. The trial length was 96 weeks. The annualized relapse rates at 96 weeks were lower with Ocrevus in both studies as compared with Rebif (0.16 vs. 0.29, $P < 0.0001$). This equates to a 46% and 47% lower rate with Ocrevus vs. Rebif. MRI parameters were also more favorable with Ocrevus vs. Rebif.

The safety and efficacy of Ocrevus in patients with PPMS was established in one randomized, parallel group, double blind, placebo controlled trial. Treatment was for 120 weeks. The proportion of patients with PPMS with 12 week confirmed disability progression was 32.9% with Ocrevus vs. 39.3% with placebo ($p = 0.03$). This represents a 24% risk reduction. The proportion of patients with 20% worsening on the timed 25 foot walk confirmed at 12 weeks was 49% in those that received Ocrevus compared with 59% among those patients that received placebo. More favorable magnetic resonance imaging (MRI) results were also observed with Ocrevus.

References

1. Ocrevus [package insert]. Genentech, Inc. South San Francisco, California. Updated March 2017.
2. Ocrevus Drug Evaluation. Express Scripts. Updated March 2017.

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05/04/2017 Medical Policy Committee review

05/17/2017 Medical Policy Implementation Committee approval. New policy.

10/01/2017 Coding update

01/01/2018 Coding update

05/03/2018 Medical Policy Committee review

05/16/2018 Medical Policy Implementation Committee approval. Coverage eligibility unchanged.

Next Scheduled Review Date: 05/2019

Coding

The five character codes included in the Blue Cross Blue Shield of Louisiana Medical Policy Coverage Guidelines are obtained from Current Procedural Terminology (CPT®)†, copyright 2017 by the American Medical Association (AMA). CPT is developed by the AMA as a listing of descriptive terms and five character identifying codes and modifiers for reporting medical services and procedures performed by physician.

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CPT is a registered trademark of the American Medical Association.

Codes used to identify services associated with this policy may include (but may not be limited to) the following:

Code Type	Code
CPT	No codes
HCPCS	J3490, J3590 Code deleted eff 1/1/2018: C9494 Code added eff 1/1/2018: J2350
ICD-10 Diagnosis	G35

*Investigational – A medical treatment, procedure, drug, device, or biological product is Investigational if the effectiveness has not been clearly tested and it has not been incorporated into standard medical practice. Any determination we make that a medical treatment, procedure, drug, device, or biological product is Investigational will be based on a consideration of the following:

- A. Whether the medical treatment, procedure, drug, device, or biological product can be lawfully marketed without approval of the U.S. Food and Drug Administration (FDA) and whether such approval has been granted at the time the medical treatment, procedure, drug, device, or biological product is sought to be furnished; or

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- B. Whether the medical treatment, procedure, drug, device, or biological product requires further studies or clinical trials to determine its maximum tolerated dose, toxicity, safety, effectiveness, or effectiveness as compared with the standard means of treatment or diagnosis, must improve health outcomes, according to the consensus of opinion among experts as shown by reliable evidence, including:
1. Consultation with the Blue Cross and Blue Shield Association technology assessment program (TEC) or other nonaffiliated technology evaluation center(s);
 2. Credible scientific evidence published in peer-reviewed medical literature generally recognized by the relevant medical community; or
 3. Reference to federal regulations.

**Medically Necessary (or "Medical Necessity") - Health care services, treatment, procedures, equipment, drugs, devices, items or supplies that a Provider, exercising prudent clinical judgment, would provide to a patient for the purpose of preventing, evaluating, diagnosing or treating an illness, injury, disease or its symptoms, and that are:

- A. In accordance with nationally accepted standards of medical practice;
- B. Clinically appropriate, in terms of type, frequency, extent, level of care, site and duration, and considered effective for the patient's illness, injury or disease; and
- C. Not primarily for the personal comfort or convenience of the patient, physician or other health care provider, and not more costly than an alternative service or sequence of services at least as likely to produce equivalent therapeutic or diagnostic results as to the diagnosis or treatment of that patient's illness, injury or disease.

For these purposes, "nationally accepted standards of medical practice" means standards that are based on credible scientific evidence published in peer-reviewed medical literature generally recognized by the relevant medical community, Physician Specialty Society recommendations and the views of Physicians practicing in relevant clinical areas and any other relevant factors.

‡ Indicated trademarks are the registered trademarks of their respective owners.

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