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Coverage Policy Number **IP0541**

Brolucizumab

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Related Coverage Resources

INSTRUCTIONS FOR USE
The following Coverage Policy applies to health benefit plans administered by Cigna Companies. Certain Cigna Companies and/or lines of business only provide utilization review services to clients and do not make coverage determinations. References to standard benefit plan language and coverage determinations do not apply to those clients. Coverage Policies are intended to provide guidance in interpreting certain standard benefit plans administered by Cigna Companies. Please note, the terms of a customer's particular benefit plan document [Group Service Agreement, Evidence of Coverage, Certificate of Coverage, Summary Plan Description (SPD) or similar plan document] may differ significantly from the standard benefit plans upon which these Coverage Policies are based. For example, a customer's benefit plan document may contain a specific exclusion related to a topic addressed in a Coverage Policy. In the event of a conflict, a customer's benefit plan document always supersedes the information in the Coverage Policies. In the absence of a controlling federal or state coverage mandate, benefits are ultimately determined by the terms of the applicable benefit plan document. Coverage determinations in each specific instance require consideration of 1) the terms of the applicable benefit plan document in effect on the date of service; 2) any applicable laws/regulations; 3) any relevant collateral source materials including Coverage Policies and; 4) the specific facts of the particular situation. Coverage Policies relate exclusively to the administration of health benefit plans. Coverage Policies are not recommendations for treatment and should never be used as treatment guidelines. In certain markets, delegated vendor guidelines may be used to support medical necessity and other coverage determinations.

Overview

This policy supports medical necessity review for brolucizumab-dbll for intravitreal injection (Beovu®).

Coverage for brolucizumab (Beovu) varies across plans and requires the use of preferred products in addition to the criteria listed below. Refer to the customer's benefit plan document for coverage details.

Receipt of sample product does not satisfy any criteria requirements for coverage.

Initial Approval Criteria

Brolucizumab (Beovu) is considered medically necessary when the individual meets ALL of the following criteria:

1. Treatment of **ONE** of the following
    a. Diabetic Macular Edema (DME)

   b. Neovascular (wet) Age-Related Macular Degeneration
   c. Other Neovascular Diseases of the Eye (for example, neovascular glaucoma, retinopathy of prematurity, sickle cell neovascularization, choroidal neovascular conditions)
2. Medication is administered by, or under the supervision of, an ophthalmologist
3. **ONE** of the following:
   a. Currently receiving Beovu
   b. **ONE** of the following:
      i. Documentation of failure, contraindication, or intolerance to repackaged bevacizumab
      ii. If, in the professional opinion of the prescriber, the safety of using the repackaged bevacizumab or the supplier of the repackaged bevacizumab is of significant concern

Dosing.
1. The recommended dose of brolucizumab (Beovu), for Diabetic Macular Edema, is:
   a. 6 mg administered by intravitreal injection for each eye being treated
   b. The dosing interval is not more frequent than once every 39 days for five doses, followed by not more frequently than once every 8 weeks for each eye being treated
2. The recommended dose of brolucizumab (Beovu) for Neovascular (Wet) Age-Related Macular Degeneration and Other Neovascular Diseases of the Eye (for example, neovascular glaucoma, retinopathy of prematurity, sickle cell neovascularization, choroidal neovascular conditions), is:
   a. 6 mg administered by intravitreal injection for each eye being treated
   b. The dosing interval is not more frequent than once every 25 days for three doses, followed by not more frequently than once every 8 weeks for each eye being treated

When coverage is available and medically necessary, the dosage, frequency, duration of therapy, and site of care should be reasonable, clinically appropriate, and supported by evidence-based literature and adjusted based upon severity, alternative available treatments, and previous response to therapy.

Continuation of Therapy

Continuation of brolucizumab (Beovu) is considered medically necessary for ALL Covered Diagnoses when initial criteria are met AND beneficial response is demonstrated.

Authorization Duration

Initial approval duration: up to 12 months
Reauthorization approval duration: up to 12 months

Conditions Not Covered

Any other use is considered experimental, investigational or unproven.

Coding Information

1) This list of codes may not be all-inclusive.
2) Deleted codes and codes which are not effective at the time the service is rendered may not be eligible for reimbursement.

Considered Medically Necessary when criteria in the applicable policy statements listed above are met:

HCPCS Codes	Description
J0179	Injection, brolucizumab-dbll, 1 mg

Background

OVERVIEW
Beovu, a vascular endothelial growth factor (VEGF) inhibitor, is indicated for the following uses:[1]

- **Diabetic macular edema** (DME).
- **Neovascular (wet) age-related macular degeneration** (nAMD).

For DME, the recommended dose for Beovu is 6 mg administered by intravitreal (IVT) injection every six weeks (every 39 to 45 days) for the first 5 doses, followed by 6 mg IVT injection once every 8 to 12 weeks. For nAMD, the recommended dose for Beovu is 6 mg administered by IVT injection every month (every 25 to 31 days) for the first 3 doses, followed by 6 mg IVT injection once every 8 to 12 weeks.
Beovu is available in a single-use vial designed to provide 0.05 mL of 120 mg/mL solution for intravitreal injection.

Other Uses with Supportive Evidence
Overproduction of VEGF may lead to other eye conditions, including neovascular glaucoma, retinopathy of prematurity, and other retinal and choroidal neovascular conditions affecting the eye.[2,3] The VEGF inhibitors also have the potential to be used off-label and reduce vision loss associated with other eye conditions related to increased VEGF production. The use of anti-VEGF agents have been shown to stop the angiogenic process and maintain visual acuity and improve vision in patients with certain neovascular ophthalmic conditions; therefore, research is rapidly evolving on the use of VEGF inhibitors in other neovascular ophthalmic conditions which threaten vision.[4,5] Anti-VEGF therapy has the potential to be used off-label in other neovascular conditions affecting the eye and may prevent or slow visual impairment.[2,4,5]

References

1. Beovu® intravitreal injection [prescribing information]. Hanover, NJ: Novartis; May 2022.
2. Barakat MR, Kaiser PK. VEGF inhibitors for the treatment of neovascular age-related macular degeneration. *Expert Opin Investig Drugs*. 2009; 18(5):637-646.
3. Tolentino M. Systemic and ocular safety of intravitreal anti-VEGF therapies for ocular neovascular disease. *Surv Ophthalmol*. 2011; 56(2):95-113.
4. Kinnunen K, Ylä-Herttuala S. Vascular endothelial growth factors in retinal and choroidal neovascular diseases. *Ann Med*. 2012; 44(1):1-17.
5. Horsley MB, Kahook MY. Anti-VEGF therapy for glaucoma. *Curr Opin Ophthalmol*. 2010; 21(2):112-117.