

Clinical Policy: Faricimab-svoa (Vabysmo)

Reference Number: CP.PHAR.581

Effective Date: 06.01.22

Last Review Date: 02.25

Line of Business: Commercial, HIM, Medicaid

[Coding Implications](#)[Revision Log](#)

See [Important Reminder](#) at the end of this policy for important regulatory and legal information.

Description

Faricimab-svoa (Vabysmo[®]) is a vascular endothelial growth factor (VEGF) and angiopoietin-2 (Ang-2) inhibitor.

FDA Approved Indication(s)

Vabysmo is indicated for the treatment of patients with:

- Neovascular (wet) age-related macular degeneration (nAMD)
- Diabetic macular edema (DME)
- Macular edema following retinal vein occlusion (RVO)

Policy/Criteria

Provider must submit documentation (such as office chart notes, lab results or other clinical information) supporting that member has met all approval criteria.

It is the policy of health plans affiliated with Centene Corporation[®] that Vabysmo is **medically necessary** when the following criteria are met:

I. Initial Approval Criteria**A. Ophthalmic Disease** (must meet all):

1. Diagnosis of one of the following (a, b, or c):
 - a. nAMD;
 - b. DME;
 - c. Macular edema following RVO;
2. Prescribed by or in consultation with an ophthalmologist;
3. Age $\geq$ 18 years;
4. Failure of bevacizumab intravitreal solution, unless contraindicated or clinically significant adverse effects are experienced;
**Prior authorization may be required for bevacizumab intravitreal solution. Requests for IV formulations of Avastin, Mvasi, and Zirabev will not be approved*
5. Dose does not exceed (a, b, or c):
 - a. nAMD: 6 mg (1 vial/syringe) every 4 weeks for the first 4 doses;
 - b. DME: 6 mg (1 vial/syringe) every 4 weeks for the first 6 doses;
 - c. RVO: 6 mg (1 vial/syringe) every 4 weeks.

Approval duration:

nAMD – 4 months (first 4 doses)

DME, RVO – 6 months (up to 6 doses)

B. Other diagnoses/indications (must meet 1 or 2):

1. If this drug has recently (within the last 6 months) undergone a label change (e.g., newly approved indication, age expansion, new dosing regimen) that is not yet reflected in this policy, refer to one of the following policies (a or b):
 - a. For drugs on the formulary (commercial, health insurance marketplace) or PDL (Medicaid), the no coverage criteria policy for the relevant line of business: CP.CPA.190 for commercial, HIM.PA.33 for health insurance marketplace, and CP.PMN.255 for Medicaid; or
 - b. For drugs NOT on the formulary (commercial, health insurance marketplace) or PDL (Medicaid), the non-formulary policy for the relevant line of business: CP.CPA.190 for commercial, HIM.PA.103 for health insurance marketplace, and CP.PMN.16 for Medicaid; or
2. If the requested use (e.g., diagnosis, age, dosing regimen) is NOT specifically listed under section III (Diagnoses/Indications for which coverage is NOT authorized) AND criterion 1 above does not apply, refer to the off-label use policy for the relevant line of business: CP.CPA.09 for commercial, HIM.PA.154 for health insurance marketplace, and CP.PMN.53 for Medicaid.

II. Continued Therapy

A. Macular Edema Following Retinal Vein Occlusion

1. Re-authorization is not permitted. Vabysmo treatment for greater than 6 months was not evaluated.

Approval duration: Not applicable

B. All Other Indications (must meet all):

1. Currently meets one of the following (a or b):
 - a. Currently receiving medication via Centene benefit or member has previously met initial approval criteria;
 - b. Member is currently receiving medication and is enrolled in a state and product with continuity of care regulations (*refer to state specific addendums for CC.PHARM.03A and CC.PHARM.03B*);
2. Member is responding positively to therapy as evidenced by one of the following (a, b, c, or d):
 - a. Detained neovascularization;
 - b. Improvement in visual acuity;
 - c. Maintenance of corrected visual acuity from prior treatment;
 - d. Supportive findings from optical coherence tomography or fluorescein angiography;
3. If request is for a dose increase, new dose does not exceed (a or b):
 - a. nAMD: one of the following (i, ii, or iii):
 - i. 6 mg (1 vial/syringe) every 16 weeks;
 - ii. 6 mg (1 vial/syringe) every 12 weeks if member has documented active disease (*see Appendix D*) at week 24;
 - iii. 6 mg (1 vial/syringe) every 8 weeks if member has documented active disease (*see Appendix D*) at week 20;
 - b. DME: 6 mg (1 vial/syringe) every 4 weeks;

Approval duration: 6 months

B. Other diagnoses/indications (must meet 1 or 2):

1. If this drug has recently (within the last 6 months) undergone a label change (e.g., newly approved indication, age expansion, new dosing regimen) that is not yet reflected in this policy, refer to one of the following policies (a or b):
 - a. For drugs on the formulary (commercial, health insurance marketplace) or PDL (Medicaid), the no coverage criteria policy for the relevant line of business: CP.CPA.190 for commercial, HIM.PA.33 for health insurance marketplace, and CP.PMN.255 for Medicaid; or
 - b. For drugs NOT on the formulary (commercial, health insurance marketplace) or PDL (Medicaid), the non-formulary policy for the relevant line of business: CP.CPA.190 for commercial, HIM.PA.103 for health insurance marketplace, and CP.PMN.16 for Medicaid; or
2. If the requested use (e.g., diagnosis, age, dosing regimen) is NOT specifically listed under section III (Diagnoses/Indications for which coverage is NOT authorized) AND criterion 1 above does not apply, refer to the off-label use policy for the relevant line of business: CP.CPA.09 for commercial, HIM.PA.154 for health insurance marketplace, and CP.PMN.53 for Medicaid.

III. Diagnoses/Indications for which coverage is NOT authorized:

- A. Non-FDA approved indications, which are not addressed in this policy, unless there is sufficient documentation of efficacy and safety according to the off-label use policies – CP.CPA.09 for commercial, HIM.PA.154 for health insurance marketplace, and CP.PMN.53 for Medicaid or evidence of coverage documents.

IV. Appendices/General Information

Appendix A: Abbreviation/Acronym Key

Ang-2: angiopoietin-2	nAMD: neovascular age-related macular degeneration
BCVA: best-corrected visual acuity	OCT: optical coherence tomography
CST: central subfield thickness	RVO: retinal vein occlusion
DME: diabetic macular edema	VEGF: vascular endothelial growth factor
FDA: Food and Drug Administration	

Appendix B: Therapeutic Alternatives

This table provides a listing of preferred alternative therapy recommended in the approval criteria. The drugs listed here may not be a formulary agent for all relevant lines of business and may require prior authorization.

Drug Name	Dosing Regimen	Dose Limit/ Maximum Dose
bevacizumab (Avastin®)	nAMD[†]: 1.25 mg administered by intravitreal injection every 4 weeks.	1.25 mg/month
	DME[†]:	1.5 mg/month

Drug Name	Dosing Regimen	Dose Limit/ Maximum Dose
	1.25 to 1.5 mg administered by intravitreal injection every 4 weeks	
	Macular edema secondary to RVO[†]: 1.25 mg administered by intravitreal injection every 4 weeks	1.25 mg/month

Therapeutic alternatives are listed as Brand name[®] (generic) when the drug is available by brand name only and generic (Brand name[®]) when the drug is available by both brand and generic.

[†]Off-label

Appendix C: Contraindications/Boxed Warnings

- Contraindication(s): ocular or periocular infection, active intraocular inflammation, hypersensitivity
- Boxed warning(s): none reported

Appendix D: General Information

- For the indication of nAMD, active disease is defined as any of the following:
 - o Optical coherence tomography (OCT) (a or b):
 - a. Increase in CST > 50 μ M compared to average central subfield thickness (CST) over previous 2 visits;
 - b. Increase in CST $\geq$ 75 μ M compared with lowest CST recorded at either of previous 2 visit;
 - o Visual acuity (a or b):
 - a. Decrease of $\geq$ 5 letters of BCVA compared with average BCVA over previous 2 visits, due to nAMD;
 - b. Decrease of $\geq$ 10 letters of BCVA compared with highest BCVA recorded over previous 2 visits, due to nAMD;
 - o Presence of new macular hemorrhage.
- For the indication of nAMD, clinical criteria for every 4-week dosing following the initial every 4-week dosing was not defined nor evaluated in the clinical studies.
- For the indication DME, although additional efficacy was not demonstrated in most patients when Vabysmo was dosed every 4 weeks compared to every 8 weeks, some patients may need every 4 week (monthly) dosing after the first 4 doses. Patients should be assessed regularly.
- For the indication of macular edema following RVO, treatment greater than 6 months was not evaluated.

V. Dosage and Administration

Indication	Dosing Regimen	Maximum Dose
nAMD	6 mg (1 vial/syringe) administered by intravitreal injection every 4 weeks for the first 4 doses, followed by OCT and visual acuity evaluation 8 and 12 weeks later to inform whether to give 6 mg dose on one of the following regimens outlined below: 1) Weeks 28 and 44	6 mg every 4 weeks*

Indication	Dosing Regimen	Maximum Dose
	2) Weeks 24, 36 and 48 or 3) Weeks 20, 28, 36, and 44 <i>Although Vabysmo may be dosed as frequently as every 4 weeks, additional efficacy was not demonstrated in most patients when Vabysmo was dosed every 4 weeks compared to 8 weeks. Some patients may need every 4-week dosing after the first 4 doses.</i>	
DME	Administered using one of the following dosing regimens: 1) 6 mg (1 vial/syringe) administered by intravitreal injection every 4 weeks for 4 doses. If after the first 4 doses, resolution of edema based on CST of the macula as measured by OCT is achieved, then the interval dosing may be modified by extension of up to 4-week increments or reduction of up to 8-week increments based on CST and visual acuity evaluations 2) 6 mg (1 vial/syringe) administer by intravitreal injection every 4 weeks for the first 6 doses, followed by 6 mg every 8 weeks (2 months) <i>Although Vabysmo may be dosed as frequently as every 4 weeks, additional efficacy was not demonstrated in most patients when Vabysmo was dosed every 4 weeks compared to 8 weeks. Some patients may need every 4-week dosing after the first 4 doses.</i>	6 mg every 4 weeks
RVO	6 mg (1 vial/syringe) administered by intravitreal injection every 4 weeks for 6 months	6 mg every 4 weeks

**This dosing regimen has not been evaluated in clinical studies beyond the initial doses.*

VI. Product Availability

- Single-dose vial: 6 mg/0.05 mL (120 mg/mL)
- Single-dose prefilled syringe: 6 mg/0.05 mL (120 mg/mL)

VII. References

1. Vabysmo Prescribing Information. South San Francisco, CA: Genentech, Inc.; July 2024. Available at: www.vabysmo.com. Accessed November 15, 2024.
2. American Academy of Ophthalmology Retina/Vitreous Panel. Preferred Practice Pattern[®] Guidelines. Age-Related Macular Degeneration. San Francisco, CA: American Academy of Ophthalmology; October 2019. Available at www.aao.org/ppp. Accessed November 15, 2024.

3. American Academy of Ophthalmology Retina/Vitreous Panel. Preferred Practice Pattern® Guidelines. Retinal Vein Occlusions. San Francisco, CA: American Academy of Ophthalmology; September 2019. Available at: www.aao.org/ppp. Accessed November 15, 2024.
4. Heier J, Khanani A, Quezada RC, et al. Efficacy, durability, and safety of intravitreal faricimab up to every 16 weeks for neovascular age-related macular degeneration (TENAYA and LUCERNE): two randomised, double-masked, phase 3, non-inferiority trials. *Lancet* 2022; 399(10326):729-740. doi: [https://doi.org/10.1016/S0140-6736\(22\)00010-1](https://doi.org/10.1016/S0140-6736(22)00010-1).
5. Hattenbach LO, Abreu F, Arrisi P, et al. BALATON and COMINO: Phase III randomized clinical trials of faricimab for retinal vein occlusion: study design and rationale. *Ophthalmol Sci.* 2023 Mar 27;3(3):100302. doi: 10.1016/j.xops.2023.100302.

Coding Implications

Codes referenced in this clinical policy are for informational purposes only. Inclusion or exclusion of any codes does not guarantee coverage. Providers should reference the most up-to-date sources of professional coding guidance prior to the submission of claims for reimbursement of covered services.

HCPCS Codes	Description
J2777	Injection, faricimab-svoa, 0.1 mg

Reviews, Revisions, and Approvals	Date	P&T Approval Date
Policy created.	03.03.22	05.22
Added HCPCS code [C9097].	06.30.22	
Added HCPCS code [J2777]. Template changes applied to other diagnoses/indications and continued therapy section.	09.29.22	
2Q 2023 annual review: no significant changes, removed inactive HCPCS codes J3590 and C9097; references reviewed and updated.	01.25.23	05.23
RT4: added newly FDA-approved indication of macular edema following retinal vein occlusion.	10.31.23	
2Q 2024 annual review: no significant changes; in Appendix D, added RVO clinical trial duration details; references reviewed and updated.	01.31.24	05.24
RT4: added newly approved prefilled syringe formulation.	07.17.24	
1Q 2025 annual review: simplified initial approval criteria for DME max dosing to 6 mg every 4 weeks for the first 6 doses per PI; for RVO, removed “for 6 months” from max dosing and clarified Vabysmo treatment for greater than 6 months was not evaluated per PI; simplified continued therapy criteria for DME max dosing to 6 mg every 4 weeks per PI; in Appendix B per Clinical Pharmacology, updated dosing regimens and clarified off-label indications; references reviewed and updated.	11.15.24	02.25

Important Reminder

This clinical policy has been developed by appropriately experienced and licensed health care professionals based on a review and consideration of currently available generally accepted standards of medical practice; peer-reviewed medical literature; government agency/program approval status; evidence-based guidelines and positions of leading national health professional organizations; views of physicians practicing in relevant clinical areas affected by this clinical policy; and other available clinical information. The Health Plan makes no representations and accepts no liability with respect to the content of any external information used or relied upon in developing this clinical policy. This clinical policy is consistent with standards of medical practice current at the time that this clinical policy was approved. “Health Plan” means a health plan that has adopted this clinical policy and that is operated or administered, in whole or in part, by Centene Management Company, LLC, or any of such health plan’s affiliates, as applicable.

The purpose of this clinical policy is to provide a guide to medical necessity, which is a component of the guidelines used to assist in making coverage decisions and administering benefits. It does not constitute a contract or guarantee regarding payment or results. Coverage decisions and the administration of benefits are subject to all terms, conditions, exclusions, and limitations of the coverage documents (e.g., evidence of coverage, certificate of coverage, policy, contract of insurance, etc.), as well as to state and federal requirements and applicable Health Plan-level administrative policies and procedures.

This clinical policy is effective as of the date determined by the Health Plan. The date of posting may not be the effective date of this clinical policy. This clinical policy may be subject to applicable legal and regulatory requirements relating to provider notification. If there is a discrepancy between the effective date of this clinical policy and any applicable legal or regulatory requirement, the requirements of law and regulation shall govern. The Health Plan retains the right to change, amend or withdraw this clinical policy, and additional clinical policies may be developed and adopted as needed, at any time.

This clinical policy does not constitute medical advice, medical treatment, or medical care. It is not intended to dictate to providers how to practice medicine. Providers are expected to exercise professional medical judgment in providing the most appropriate care, and are solely responsible for the medical advice and treatment of members. This clinical policy is not intended to recommend treatment for members. Members should consult with their treating physician in connection with diagnosis and treatment decisions.

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Note:

For Medicaid members, when state Medicaid coverage provisions conflict with the coverage provisions in this clinical policy, state Medicaid coverage provisions take precedence. Please refer to the state Medicaid manual for any coverage provisions pertaining to this clinical policy.

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