

DIABETIC MACULAR EDEMA (DME)

OPEN UP YOUR WORLD

WITH VABYSMO®



VABYSMO

faricimab-svoa injection 6 mg

**DO MORE OF WHAT YOU LOVE WITH A CHANCE
FOR UP TO 4 MONTHS BETWEEN TREATMENTS***

*After 4 or 6 initial monthly eye injections, your doctor will choose a schedule of 1 to 4 months based on patient response. Dosing may vary.

What is VABYSMO?

VABYSMO (faricimab-svoa) is a prescription medicine given by injection into the eye used to treat adults with diabetic macular edema (DME).

Do not receive VABYSMO if you:

- Have an infection in or around your eye.

Please see additional [Important Safety Information](#) throughout and full [Prescribing Information](#).

Welcome to a world with VABYSMO®

Diabetic macular edema (DME) can lead to severe vision problems and even blindness if left untreated, impacting the way you see your world.

The good news is VABYSMO is available to treat DME.

The contents of this brochure are designed to help you better understand VABYSMO and provide support and resources to make the transition to your new treatment a smooth one.



See more at
[VABYSMO.com](https://www.vabysmo.com)

Scan the QR code with your
smartphone camera.

SELECT IMPORTANT SAFETY INFORMATION

Do not receive VABYSMO if you:

- Have active swelling around your eye that may include pain and redness.
- Are allergic to VABYSMO or any of the ingredients in VABYSMO.

Please see additional **Important Safety Information** throughout and full **Prescribing Information**.

Why VABYSMO® might be right for you



Improves vision quickly with results maintained in the second year of treatment*



Can help **quickly dry excessive fluid** that causes swelling in the back of the eye†



Delivers a chance for up to **4 months between treatments**‡



VABYSMO is the **first and only** FDA-approved treatment designed to **block 2 causes** of DME (VEGF and Ang-2§)

Your retina specialist can **personalize your treatment schedule** based on your vision needs. See page 14 for dosing information. Ask your retina specialist about the **benefits of treatment with VABYSMO**.

*In clinical trials of 1262 people on VABYSMO and 625 people on aflibercept, people gained an average of 6 letters on an eye chart at 1 month for both treatments. On average, people gained 11 letters over 1 year and results with VABYSMO were maintained in the second year of treatment, similar to aflibercept.

†In 2 clinical trials, VABYSMO was shown to help reduce excess damaging fluid in the eye, similar to aflibercept.

‡After 4 or 6 initial monthly eye injections, your doctor will choose a schedule of 1 to 4 months based on patient response. Dosing may vary.

§The benefit of blocking Ang-2 has not been fully determined.

Ang-2=angiopoietin-2; VEGF=vascular endothelial growth factor.




VABYSMO
 faricimab-svoa injection 6 mg

SELECT IMPORTANT SAFETY INFORMATION

What is the most important information I should know about VABYSMO?

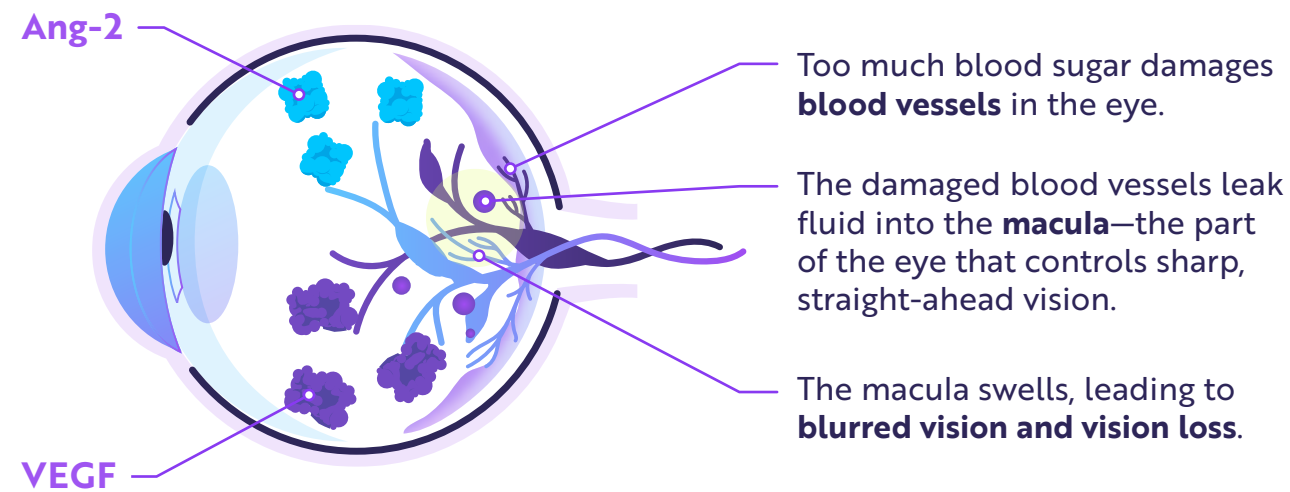
- Injections like the one for VABYSMO can cause an eye infection (endophthalmitis) or separation of layers of the retina (retinal detachment). Call your healthcare provider right away if you have increasing eye pain, vision loss, sensitivity to light, or redness in the white of the eye.

Please see additional Important Safety Information throughout and full Prescribing Information.

Learning what causes DME can help you identify how to best treat it

DME is a complication associated with diabetes. About 10% of people with diabetes will develop DME in their lifetime. Consistently high blood sugar over time increases the risk of DME. If untreated, DME can lead to severe vision problems and even blindness.

WHAT HAPPENS IN THE EYE WITH DME



There are **multiple proteins** in the eye that cause swelling.

VEGF and **Ang-2*** are 2 proteins in the eye that cause blood vessels to grow abnormally, swell, and leak fluid. This can lead to retinal damage and various symptoms of vision loss for people with DME.

*Levels of Ang-2 proteins are increased in some people with DME.



How DME can impact the way you see your world

Each person with DME experiences their condition differently. You could experience:

Blurry or blind spots



Straight lines that appear wavy



Colors that appear less vibrant



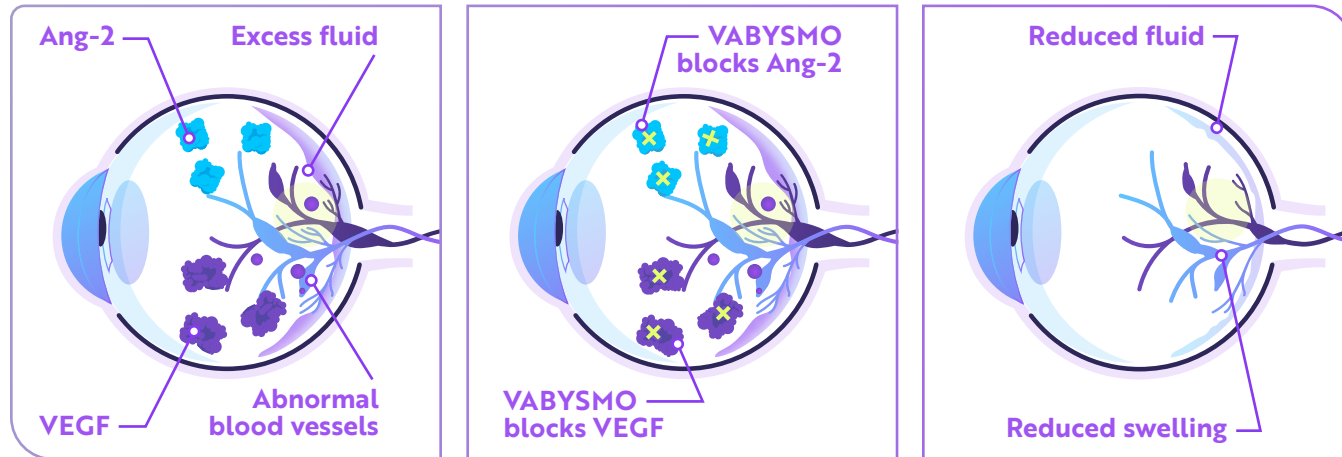
Trouble seeing in low light



It's important to stay on top of your eye health; let your retina specialist know of any changes in your vision right away.

Your eyes deserve a different way to treat DME

VABYSMO® is the first and only FDA-approved treatment designed to block 2 causes of DME (VEGF and Ang-2*).



In DME, proteins such as VEGF and Ang-2* can lead to leakage and swelling in the eye.

VABYSMO is designed to block both VEGF and Ang-2.*

VABYSMO helps reduce abnormal blood vessel swelling, growth, and fluid leakage, which can damage your vision.

*The benefit of blocking Ang-2 has not been fully determined.



SELECT IMPORTANT SAFETY INFORMATION

What is the most important information I should know about VABYSMO?

- VABYSMO may cause a temporary increase in pressure in the eye (intraocular pressure), which occurs within 60 minutes after receiving the eye injection.

Please see additional **Important Safety Information** throughout and full **Prescribing Information**.

VABYSMO® improves vision quickly

BEFORE VABYSMO



WITH VABYSMO



On average, **people gained and maintained 11 letters** on an eye chart over 1 year with VABYSMO, similar to aflibercept.

The comparable results seen in people treated with VABYSMO were maintained in the second year of treatment.*

- VABYSMO helped people **maintain their vision** through 2-year clinical trials†
- In the second year of treatment, **most people needed fewer injections** with VABYSMO

*VABYSMO was assessed in 2 clinical studies vs aflibercept in 1891 people with DME. Both studies demonstrated non-inferiority to aflibercept at the primary endpoint, defined as the mean change from baseline in BCVA at year 1.

†After 4 or 6 initial monthly doses, receive a minimum of 6 injections over 2 years (and a maximum of 21). Your retina specialist will determine the dosing schedule that is right for you.

BCVA=best corrected visual acuity.



Protect your vision with VABYSMO

SELECT IMPORTANT SAFETY INFORMATION

What is the most important information I should know about VABYSMO?

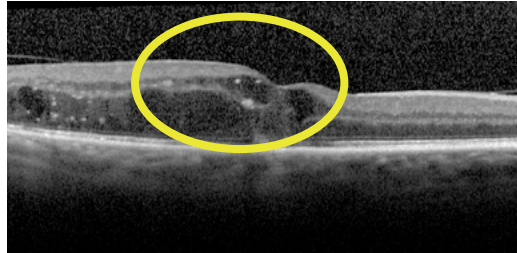
- Although not common, VABYSMO patients have had serious, sometimes fatal, problems related to blood clots, such as heart attacks or strokes (thromboembolic events). In clinical studies for wet AMD during the first year, 7 out of 664 patients treated with VABYSMO reported such an event. In clinical studies for DME from baseline to week 100, 64 out of 1,262 patients treated with VABYSMO reported such an event.

Please see additional Important Safety Information throughout and full Prescribing Information.

VABYSMO® can help quickly dry excessive fluid that causes swelling in the back of the eye

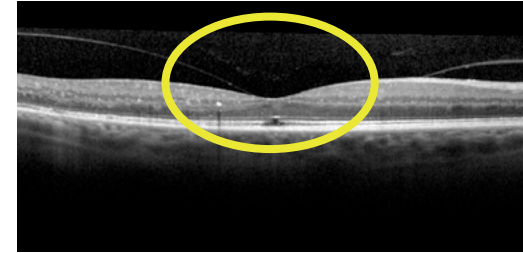
In 2 clinical trials, VABYSMO was shown to help reduce excess damaging fluid in the eye, similar to aflibercept.

SEE A REAL-LIFE EXAMPLE OF HOW VABYSMO CAN HELP



BEFORE VABYSMO

Before treatment, **fluid builds up in the retina** and can lead to vision loss.



WITH VABYSMO

After 1 year of treatment with VABYSMO, **the fluid was reduced.**

These images are of a person in a clinical trial who received VABYSMO for the treatment of DME. Patient experiences may vary.

No serious side effects in the eye were seen or reported for this person.



Read more about why having a dry retina matters for vision.

Scan the QR code with your smartphone camera.



SELECT IMPORTANT SAFETY INFORMATION

What is the most important information I should know about VABYSMO?

- Severe inflammation of vessels in the retina has happened for patients treated with VABYSMO. Call your healthcare provider immediately if you experience a change in vision.

Please see additional Important Safety Information throughout and full Prescribing Information.

VABYSMO® is the first FDA-approved treatment that gives you a chance to receive as few as 3 injections per year

After 4 or 6 initial monthly doses, receive a minimum of 6 injections over 2 years (and a maximum of 21). Your retina specialist will determine the dosing schedule that is right for you.

Possible dosing schedules:

1-4 MONTHS BETWEEN TREATMENTS



AFTER 6 INITIAL MONTHLY doses, you can go 2 months between treatments.

Although most people from the clinical trials went 3-4 months between injections, this may not be the experience of all people. Your retina specialist may evaluate your disease differently from the methods used in our trials.



Read about real patient experiences at [VABYSMO.com](https://www.vabysmo.com)

Scan the QR code with your smartphone camera.



A chance for up to 4 months injection-free

Patient experiences may vary.



SELECT IMPORTANT SAFETY INFORMATION

Before receiving VABYSMO, tell your healthcare provider about all of your medical conditions, including if you:

- Are taking any medications, including prescription and over-the-counter medicines, vitamins, and herbal supplements. Tell your healthcare provider about all the medicines you take.

Please see additional Important Safety Information throughout and full Prescribing Information.

Committed to helping you find assistance options for VABYSMO®



Genentech Ophthalmology Access Solutions

We are dedicated to helping you understand your insurance coverage and assistance options. We work with your retina specialist, health insurance company, and specialty pharmacy to help you access the ophthalmology treatment your retina specialist prescribed.

Affordability options: For people who have insurance and can't afford their Genentech medicine:



Genentech Ophthalmology Co-pay Program*: Eligible commercially insured patients could pay **as little as \$0 per drug and administration co-pay.**



Independent co-pay assistance foundations†: We can refer you to a charitable organization that might help you pay for your treatment.



Genentech Patient Foundation‡: If you don't have insurance coverage or have financial concerns and meet eligibility criteria, you may be able to get your treatment for free.

Want to learn more?

The Genentech Ophthalmology Support Line makes it easy for you to quickly access the information and support you need. Just call **(833) EYE-GENE/(833) 393-4363** and one of our representatives will be with you soon. Our representatives are available **Monday to Friday, 9 AM to 8 PM ET.**

*The Product and Administration Co-pay Programs are valid ONLY for patients with commercial (private or non-governmental) insurance who have a valid prescription for a Food and Drug Administration (FDA)-approved indication of a Genentech medicine. Patients using Medicare, Medicaid or any other federal or state government program (collectively, "Government Programs") to pay for their Genentech medicine and/or administration services are not eligible.

Under the Programs, the patient may pay a co-pay for drug costs and a co-pay for administration costs. The final amount owed by a patient may be as little as \$0 for the Genentech medicine or administration of the Genentech medicine (see Program specific details). The total patient out-of-pocket cost is dependent on the patient's health insurance plan. The Programs assist with the cost of the Genentech medicine and the Genentech medicine administration only. It does not assist with the cost of other administrations, medicines, procedures or office visit fees. After reaching the maximum Programs' benefit amounts, the patient will be responsible for all remaining out-of-pocket expenses. The amount of the Programs' benefits cannot exceed the patient's out-of-pocket expenses for the cost of the Genentech medicine or administration fees associated with the Genentech medicine.

All participants are responsible for reporting the receipt of all Programs' benefits as required by any insurer or by law. The Programs are only valid in the United States and U.S. Territories and are void where prohibited by law. The Drug Co-pay Program shall follow state restrictions in relation to AB-rated generic equivalents (e.g., MA, CA) where applicable. The Administration Co-pay Program is not valid for Massachusetts or Rhode Island residents. No party may seek reimbursement for all or any part of the benefit received through the Programs. The Programs are intended for the patient. Only the patient using the Programs may receive the funds made available through the Programs. The Programs are not intended for third parties who reduce the amount available to the patient or take a portion for their own purposes. Patients with health plans that redirect Genentech Program assistance intended for patient out-of-pocket costs may be subject to alternate Program benefit structures. Genentech reserves the right to rescind, revoke or amend the Programs without notice at any time.

Additional terms and conditions apply. Please visit the co-pay Program website for the full list of [Terms and Conditions](#).

†Independent co-pay assistance foundations have their own rules for eligibility. Genentech has no involvement or influence in independent foundation decision-making or eligibility criteria and does not know if a foundation will be able to help you. We can only refer you to a foundation that supports your disease state. Genentech does not endorse or show preference for any particular foundation. The foundations we refer you to are not the only ones that might be able to help you.

‡If you have health insurance, you should try to get other types of financial assistance, if available. You also need to meet income requirements. If you do not have insurance, or if your insurance does not cover your Genentech Ophthalmology treatment, you must meet a different set of income requirements. Genentech reserves the right to modify or discontinue the program at any time and to verify the accuracy of information submitted.

IMPORTANT SAFETY INFORMATION

What is VABYSMO?

VABYSMO (faricimab-svoa) is a prescription medicine given by injection into the eye used to treat adults with neovascular (wet) age-related macular degeneration (AMD) and diabetic macular edema (DME).

Do not receive VABYSMO if you:

- Have an infection in or around your eye.
- Have active swelling around your eye that may include pain and redness.
- Are allergic to VABYSMO or any of the ingredients in VABYSMO.

What is the most important information I should know about VABYSMO?

- Injections like the one for VABYSMO can cause an eye infection (endophthalmitis) or separation of layers of the retina (retinal detachment). Call your healthcare provider right away if you have increasing eye pain, vision loss, sensitivity to light, or redness in the white of the eye.
- VABYSMO may cause a temporary increase in pressure in the eye (intraocular pressure), which occurs within 60 minutes after receiving the eye injection.
- Although not common, VABYSMO patients have had serious, sometimes fatal, problems related to blood clots, such as heart attacks or strokes (thromboembolic events). In clinical studies for wet AMD during the first year, 7 out of 664 patients treated with VABYSMO reported such an event. In clinical studies for DME from baseline to week 100, 64 out of 1,262 patients treated with VABYSMO reported such an event.
- Severe inflammation of vessels in the retina has happened for patients treated with VABYSMO. Call your healthcare provider immediately if you experience a change in vision.

Before receiving VABYSMO, tell your healthcare provider about all of your medical conditions, including if you:

- Are pregnant or plan to become pregnant. Based on how VABYSMO interacts with your body, there may be a potential risk to your unborn baby. You should use birth control before your first injection, during your treatment with VABYSMO, and for 3 months after your last dose of VABYSMO.
- Are breastfeeding or plan to breastfeed. It is not known if VABYSMO passes into your breast milk. Talk to your healthcare provider about the best way to feed your baby if you receive VABYSMO.
- Are taking any medications, including prescription and over-the-counter medicines, vitamins, and herbal supplements. Tell your healthcare provider about all the medicines you take.

What should I avoid while receiving VABYSMO?

- Your vision may be impaired after receiving an eye injection or after an eye exam. Do not drive or use machinery until your vision has recovered sufficiently.

What are the most common side effects with VABYSMO?

- The most common side effects with VABYSMO were cataract and blood on the white of the eye (conjunctival hemorrhage).
- These are not all the possible side effects of VABYSMO.

Call your healthcare provider for medical advice about side effects. You may report side effects to the FDA at **1-800-FDA-1088**. You may also report side effects to Genentech at **1-888-835-2555**.

Please see the VABYSMO full [Prescribing Information](#) for additional Important Safety Information.

**VABYSMO® improves vision and delivers a chance
for up to 4 months between treatments*†**



VABYSMO

faricimab-svoa injection 6 mg

It's your world. See it.

*In clinical trials of 1262 people on VABYSMO and 625 people on aflibercept, people gained an average of 11 letters on an eye chart over 1 year and results with VABYSMO were maintained in the second year of treatment, similar to aflibercept.

†After 4 or 6 initial monthly eye injections, your doctor will choose a schedule of 1 to 4 months based on patient response. Dosing may vary.

SELECT IMPORTANT SAFETY INFORMATION

Do not receive VABYSMO if you:

- Have an infection in or around your eye.
- Have active swelling around your eye that may include pain and redness.
- Are allergic to VABYSMO or any of the ingredients in VABYSMO.

Please see additional Important Safety Information throughout and full Prescribing Information.

Genentech
A Member of the Roche Group

VABYSMO is a registered trademark of Genentech, Inc., and the VABYSMO logo is a trademark of Genentech, Inc.
© 2023 Genentech USA, Inc. 1 DNA Way, South San Francisco, CA 94080-4990
All rights reserved. M-US-00019649(v2.0) 12/23

HIGHLIGHTS OF PRESCRIBING INFORMATION

These highlights do not include all the information needed to use VABYSMO safely and effectively. See full prescribing information for VABYSMO.

VABYSMO® (faricimab-svoa) injection, for intravitreal use
Initial U.S. Approval: 2022

RECENT MAJOR CHANGES

Indications and Usage, Macular Edema Following Retinal Vein Occlusion (RVO) (1.3)	10/2023
Dosage and Administration, General Dosing Information (2.1)	7/2024
Dosage and Administration, Macular Edema Following Retinal Vein Occlusion (2.4)	10/2023
Dosage and Administration, Preparation for Administration - Prefilled Syringe (2.5)	7/2024
Dosage and Administration, Injection Procedure (2.7)	7/2024
Warnings and Precautions, Retinal Vasculitis and/or Retinal Vascular Occlusion (5.4)	10/2023

INDICATIONS AND USAGE

VABYSMO is a vascular endothelial growth factor (VEGF) and angiopoietin-2 (Ang-2) inhibitor indicated for the treatment of patients with:

- Neovascular (Wet) Age-Related Macular Degeneration (nAMD) (1.1)
- Diabetic Macular Edema (DME) (1.2)
- Macular Edema Following Retinal Vein Occlusion (RVO) (1.3)

DOSAGE AND ADMINISTRATION

For intravitreal injection. (2.1)

- **Neovascular (Wet) Age-Related Macular Degeneration (nAMD)**
 - The recommended dose for VABYSMO is 6 mg (0.05 mL of 120 mg/mL solution) administered by intravitreal injection every 4 weeks (approximately every 28 ± 7 days, monthly) for the first 4 doses, followed by optical coherence tomography and visual acuity evaluations 8 and 12 weeks later to inform whether to give a 6 mg dose via intravitreal injection on one of the following three regimens: 1) Weeks 28 and 44; 2) Weeks 24, 36 and 48; or 3) Weeks 20, 28, 36 and 44. 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. (2.2)
- **Diabetic Macular Edema (DME)**
 - VABYSMO is recommended to be dosed by following one of these two dose regimens: 1) 6 mg (0.05 mL of 120 mg/mL solution) administered by intravitreal injection every 4 weeks (approximately every 28 days ± 7 days, monthly) for at least 4 doses. If after at least 4 doses, resolution of edema based on the central subfield thickness

(CST) of the macula as measured by optical coherence tomography is achieved, then the interval of dosing may be modified by extensions of up to 4 week interval increments or reductions of up to 8 week interval increments based on CST and visual acuity evaluations; or 2) 6 mg dose of VABYSMO can be administered every 4 weeks for the first 6 doses, followed by 6 mg dose via intravitreal injection at intervals of every 8 weeks (2 months). 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. (2.3)

- **Macular Edema Following Retinal Vein Occlusion (RVO)**
 - The recommended dose for VABYSMO is 6 mg (0.05 mL of 120 mg/mL) administered by intravitreal injection every 4 weeks (approximately every 28 ± 7 days, monthly) for 6 months. (2.4)

DOSAGE FORMS AND STRENGTHS

- Injection: 6 mg (0.05 mL of 120 mg/mL solution) in a single-dose prefilled syringe (3)
- Injection: 6 mg (0.05 mL of 120 mg/mL solution) in a single-dose vial (3)

CONTRAINDICATIONS

- Ocular or periocular infection (4.1)
- Active intraocular inflammation (4.2)
- Hypersensitivity (4.3)

WARNINGS AND PRECAUTIONS

- Endophthalmitis and retinal detachments may occur following intravitreal injections. Patients should be instructed to report any symptoms suggestive of endophthalmitis or retinal detachment without delay, to permit prompt and appropriate management. (5.1)
- Increases in intraocular pressure have been seen within 60 minutes of an intravitreal injection. (5.2)
- There is a potential risk of arterial thromboembolic events (ATEs) associated with VEGF inhibition. (5.3)

ADVERSE REACTIONS

The most common adverse reactions (≥ 5%) reported in patients receiving VABYSMO were cataract (15%) and conjunctival hemorrhage (8%). (6.1)

To report SUSPECTED ADVERSE REACTIONS, contact Genentech at 1-888-835-2555 or FDA at 1-800-FDA-1088 or www.fda.gov/medwatch.

See 17 for PATIENT COUNSELING INFORMATION.

Revised: 7/2024

FULL PRESCRIBING INFORMATION: CONTENTS*

1 INDICATIONS AND USAGE

- 1.1 Neovascular (Wet) Age-Related Macular Degeneration (nAMD)
- 1.2 Diabetic Macular Edema (DME)
- 1.3 Macular Edema Following Retinal Vein Occlusion (RVO)

2 DOSAGE AND ADMINISTRATION

- 2.1 General Dosing Information
- 2.2 Neovascular (Wet) Age-Related Macular Degeneration (nAMD)
- 2.3 Diabetic Macular Edema (DME)
- 2.4 Macular Edema Following Retinal Vein Occlusion (RVO)
- 2.5 Preparation for Administration - Prefilled Syringe
- 2.6 Preparation for Administration - Vial
- 2.7 Injection Procedure

3 DOSAGE FORMS AND STRENGTHS

4 CONTRAINDICATIONS

- 4.1 Ocular or Periocular Infections
- 4.2 Active Intraocular Inflammation
- 4.3 Hypersensitivity

5 WARNINGS AND PRECAUTIONS

- 5.1 Endophthalmitis and Retinal Detachments
- 5.2 Increase in Intraocular Pressure
- 5.3 Thromboembolic Events
- 5.4 Retinal Vasculitis and/or Retinal Vascular Occlusion

6 ADVERSE REACTIONS

- 6.1 Clinical Trials Experience
- 6.2 Postmarketing Experience

8 USE IN SPECIFIC POPULATIONS

- 8.1 Pregnancy
- 8.2 Lactation
- 8.3 Females and Males of Reproductive Potential
- 8.4 Pediatric Use
- 8.5 Geriatric Use

11 DESCRIPTION

12 CLINICAL PHARMACOLOGY

- 12.1 Mechanism of Action
- 12.2 Pharmacodynamics
- 12.3 Pharmacokinetics
- 12.6 Immunogenicity

13 NONCLINICAL TOXICOLOGY

- 13.1 Carcinogenesis, Mutagenesis, Impairment of Fertility

14 CLINICAL STUDIES

- 14.1 Neovascular (Wet) Age-Related Macular Degeneration (nAMD)
- 14.2 Diabetic Macular Edema (DME)
- 14.3 Macular Edema Following Retinal Vein Occlusion (RVO)

16 HOW SUPPLIED/STORAGE AND HANDLING

- 16.1 How Supplied
- 16.2 Storage and Handling

17 PATIENT COUNSELING INFORMATION

* Sections or subsections omitted from the full prescribing information are not listed.

FULL PRESCRIBING INFORMATION

1 INDICATIONS AND USAGE

VABYSMO is a vascular endothelial growth factor (VEGF) and angiopoietin 2 (Ang-2) inhibitor indicated for the treatment of patients with:

1.1 Neovascular (wet) Age-Related Macular Degeneration (nAMD)

1.2 Diabetic Macular Edema (DME)

1.3 Macular Edema Following Retinal Vein Occlusion (RVO)

2 DOSAGE AND ADMINISTRATION

2.1 General Dosing Information

For intravitreal injection. VABYSMO must be administered by a qualified physician.

VABYSMO is available as:

- Prefilled syringe: A sterile injection filter needle (30-gauge x ½-inch, Extra Thin Wall) with an integrated filter in the hub is provided. Each prefilled syringe should only be used for the treatment of a single eye.
- Vial: A sterile 5-micron, blunt transfer filter needle (18-gauge x 1½-inch) is provided. Each vial should only be used for the treatment of a single eye.

[see How Supplied/Storage and Handling (16)]

2.2 Neovascular (wet) Age-Related Macular Degeneration (nAMD)

The recommended dose for VABYSMO is 6 mg (0.05 mL of 120 mg/mL solution) administered by intravitreal injection every 4 weeks (approximately every 28 ± 7 days, monthly) for the first 4 doses, followed by optical coherence tomography and visual acuity evaluations 8 and 12 weeks later to inform whether to give a 6 mg dose via intravitreal injection on one of the following three regimens: 1) Weeks 28 and 44; 2) Weeks 24, 36 and 48; or 3) Weeks 20, 28, 36 and 44. 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.

2.3 Diabetic Macular Edema (DME)

VABYSMO is recommended to be dosed by following one of these two dose regimens: 1) 6 mg (0.05 mL of 120 mg/mL solution) administered by intravitreal injection every 4 weeks (approximately every 28 days \pm 7 days, monthly) for at least 4 doses. If after at least 4 doses, resolution of edema based on the central subfield thickness (CST) of the macula as measured by optical coherence tomography is achieved, then the interval of dosing may be modified by extensions of up to 4 week interval increments or reductions of up to 8 week interval increments based on CST and visual acuity evaluations; or 2) 6 mg dose of VABYSMO can be administered every 4 weeks for the first 6 doses, followed by 6 mg dose via intravitreal injection at intervals of every 8 weeks (2 months). 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.

2.4 Macular Edema Following Retinal Vein Occlusion (RVO)

The recommended dose for VABYSMO is 6 mg (0.05 mL of 120 mg/mL solution) administered by intravitreal injection every 4 weeks (approximately every 28 ± 7 days, monthly) for 6 months.

2.5 Preparation for Administration - Prefilled Syringe

Before you start



Read all the instructions carefully before using VABYSMO.

The VABYSMO carton includes:



A sterile prefilled syringe in a sealed tray. The prefilled syringe is for treatment of a single eye.



A sterile injection filter needle (30-gauge x 1/2 inch, Extra Thin Wall) with an integrated filter in the hub. The injection filter needle is for single use only.

Only use the provided injection filter needle for the administration.



VABYSMO should be refrigerated at temperatures between 2°C to 8°C (36°F to 46°F).

Do not freeze.



Allow VABYSMO to reach room temperature, 20°C to 25°C (68°F to 77°F) before proceeding with the administration.



Prior to use, keep the sealed tray in the original carton to **protect the prefilled syringe from light**. The prefilled syringe may be kept at room temperature in the original carton for up to **24 hours**.



VABYSMO should be inspected visually prior to administration.

Do not use if the carton seals have been tampered with.

Do not use if the packaging, prefilled syringe, injection filter needle is expired, damaged, or have been tampered with.

Do not use if the injection filter needle is missing.

Do not remove the finger grip from the syringe.

Do not use if the syringe cap is detached from the Luer lock.

Do not use if particulates, cloudiness, or discoloration are visible.

VABYSMO is a clear to opalescent and colorless to brownish-yellow liquid solution.

Prefilled Syringe Description

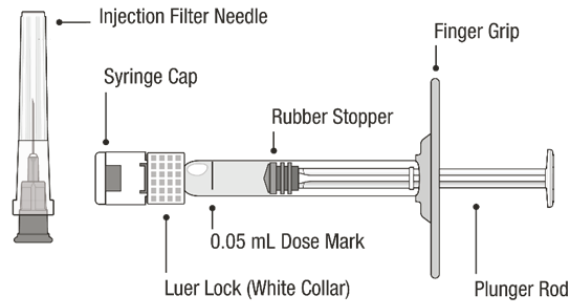


Figure A

Note: the dose must be set to the 0.05 mL dose mark.

Use aseptic technique to carry out the following preparation steps:

Open Tray and Remove Syringe Cap

- 1 Peel the lid off the syringe tray and aseptically remove the prefilled syringe.
- 2 Hold the syringe by the white collar; snap off the syringe cap (see **Figure B**).

Do not twist off the cap.

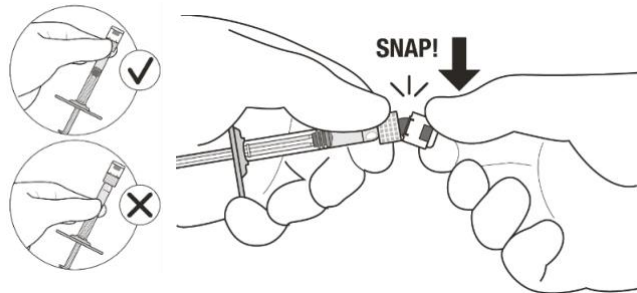


Figure B

Attach Injection Filter Needle

- 3 Aseptically remove the provided injection filter needle from its packaging.
- 4 Aseptically and firmly attach the injection filter needle onto the syringe Luer lock (see **Figure C**).

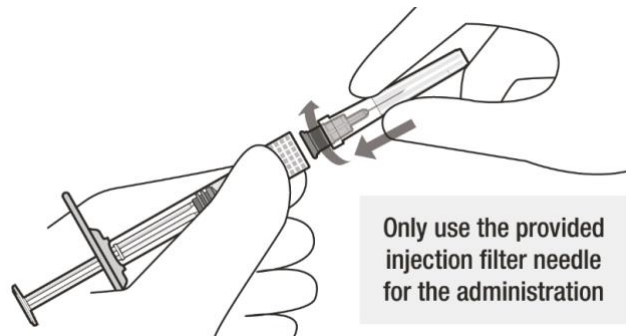


Figure C

5 Carefully remove the needle cap by pulling it straight off.

Dislodge Air Bubbles

6 Hold the syringe with the injection filter needle pointing up. Check the syringe for air bubbles.

7 If there are any air bubbles, gently tap the syringe with your finger until the bubbles rise to the top (see **Figure D**).

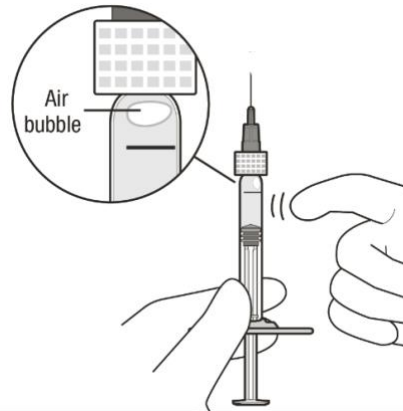


Figure D

Expel Air and Adjust the Dose

8 Hold the syringe at eye level and **slowly** push the plunger rod until the **lower edge of the rubber stopper's dome** is aligned with the 0.05 mL dose mark (see **Figure E**). This will expel the air and the excess solution and set the dose to 0.05 mL.

Ensure that the injection is given **immediately** after preparation of the dose.

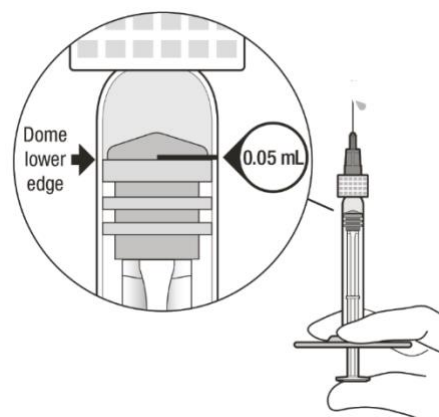


Figure E

2.6 Preparation for Administration - Vial

Before you start



Read all the instructions carefully before using VABYSMO.



The VABYSMO kit includes a glass vial and transfer filter needle. The glass vial is for a single dose only. The filter needle is for treatment of a single eye.



VABYSMO should be stored refrigerated at temperatures between 2°C to 8°C (36°F to 46°F).

Do not freeze.

Do not shake.



Allow VABYSMO to reach room temperature, 20°C to 25°C (68°F to 77°F) before proceeding with the administration. Keep the vial in the original carton to **protect from light**.



The VABYSMO vial may be kept at room temperature for up to **24 hours**.

The VABYSMO vial should be inspected visually for particulate matter and discoloration prior to administration. VABYSMO is a clear to opalescent and colorless to brownish-yellow liquid solution.

Do not use if particulates, cloudiness, or discoloration are visible.

Do not use if the packaging, vial and/or transfer filter needle are expired, damaged, or have been tampered with (see **Figure F**).



Figure F

Use aseptic technique to carry out the preparation of the intravitreal injection.

1 Gather the following supplies:

- One VABYSMO vial (included)
- One sterile 5-micron blunt transfer filter needle 18-gauge x 1½ inch (included)
- One sterile 1 mL Luer lock syringe with a 0.05 mL dose mark (**not included**)
- One sterile injection needle 30-gauge x ½ inch (**not included**)
Note that a 30-gauge injection needle is recommended to avoid increased injection forces that could be experienced with smaller diameter needles.
- Alcohol swab (**not included**).

2 To ensure all liquid settles at the bottom of the vial, place the vial upright on a flat surface (for about 1 minute) after removal from packaging (see **Figure G**). Gently tap the vial with your finger (see **Figure H**), as liquid may stick to the top of the vial.



Figure G



Figure H

-
- 3 Remove the flip-off cap from the vial (see **Figure I**) and wipe the vial septum with an alcohol swab (see **Figure J**).

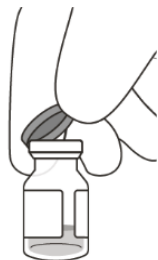


Figure I



Figure J

-
- 4 Aseptically and firmly attach the included 18-gauge x 1½ inch transfer filter needle onto a 1 mL Luer lock syringe (see **Figure K**).

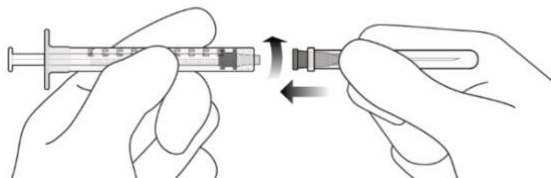


Figure K

-
- 5 Using aseptic technique, push the transfer filter needle into the center of the vial septum (see **Figure L**), push it all the way in, then tilt the vial slightly so that the needle touches the bottom edge of the vial (see **Figure M**).

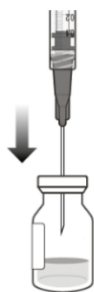


Figure L

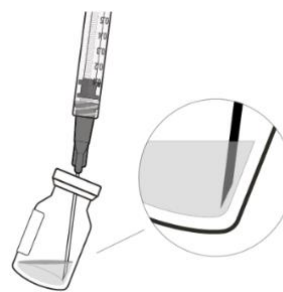


Figure M

-
- 6 Hold the vial slightly inclined and **slowly** withdraw all the liquid from the vial (see **Figure N**). Keep the bevel of the transfer filter needle submerged in the liquid, to avoid introduction of air.

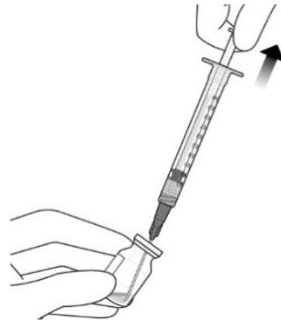


Figure N

7 Ensure that the plunger rod is drawn sufficiently back when emptying the vial, in order to completely empty the transfer filter needle (see **Figure N**).

8 Disconnect the transfer filter needle from the syringe and dispose of it in accordance with local regulations.

Do not use the transfer filter needle for the intravitreal injection.

9 Aseptically and firmly attach a 30-gauge x ½ inch injection needle onto the Luer lock syringe (see **Figure O**).

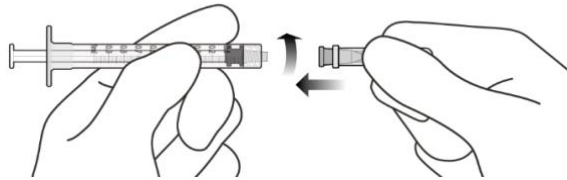


Figure O

10 Carefully remove the plastic needle shield from the needle by pulling it straight off.

11 To check for air bubbles, hold the syringe with the needle pointing up. If there are any air bubbles, gently tap the syringe with your finger until the bubbles rise to the top (see **Figure P**).

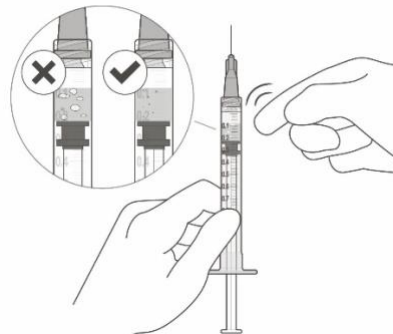


Figure P

12 Carefully expel the air from the syringe and needle, and **slowly** depress the plunger to align the rubber stopper tip to the 0.05 mL dose mark. The syringe is ready for the injection (see **Figure Q**). Ensure that the injection is given **immediately** after preparation of the dose.

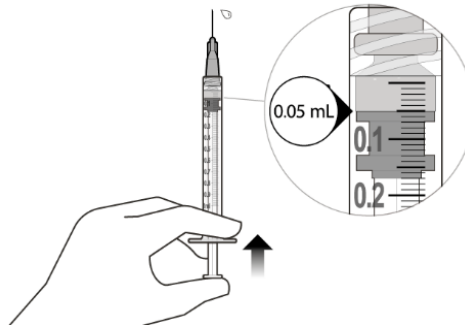


Figure Q

2.7 Injection Procedure

The intravitreal injection procedure must be carried out under aseptic conditions, which includes the use of surgical hand disinfection, sterile gloves, a sterile drape and a sterile eyelid speculum (or equivalent), and the availability of sterile paracentesis equipment (if required). Adequate anesthesia and a broad-spectrum microbicide should be administered prior to the injection.

Inject **slowly** until the rubber stopper reaches the end of the syringe to deliver the volume of 0.05 mL.

Note for the prefilled syringe: **Do not** recap or detach the injection filter needle from the syringe.

Any unused drug product or waste material should be disposed of in accordance with local regulations.

Immediately following the intravitreal injection, patients should be monitored for elevation in intraocular pressure. Appropriate monitoring may consist of a check for perfusion of the optic nerve head or tonometry. If required, a sterile paracentesis needle should be available. Following intravitreal injection, patients should be instructed to report any symptoms suggestive of endophthalmitis or retinal detachment (e.g., vision loss, eye pain, redness of the eye, photophobia, blurring of vision) without delay [see *Patient Counseling Information (17)*].

Each syringe should only be used for the treatment of a single eye. If the contralateral eye requires treatment, a new syringe should be used and the sterile field, syringe, gloves, drapes, eyelid speculum, filter, and injection needles should be changed before VABYSMO is administered to the other eye.

3 DOSAGE FORMS AND STRENGTHS

VABYSMO is a clear to opalescent, colorless to brownish-yellow solution available as:

- Injection: 6 mg (0.05 mL of 120 mg/mL solution) in a single-dose prefilled glass syringe
- Injection: 6 mg (0.05 mL of 120 mg/mL solution) in a single-dose glass vial

4 CONTRAINDICATIONS

4.1 Ocular or Periocular Infections

VABYSMO is contraindicated in patients with ocular or periocular infections.

4.2 Active Intraocular Inflammation

VABYSMO is contraindicated in patients with active intraocular inflammation.

4.3 Hypersensitivity

VABYSMO is contraindicated in patients with known hypersensitivity to faricimab or any of the excipients in VABYSMO. Hypersensitivity reactions may manifest as rash, pruritus, urticaria, erythema, or severe intraocular inflammation.

5 WARNINGS AND PRECAUTIONS

5.1 Endophthalmitis and Retinal Detachments

Intravitreal injections, including Vabysmo, have been associated with endophthalmitis and retinal detachments [see *Adverse Reactions (6.1)*]. Proper aseptic injection techniques must always be used when administering VABYSMO. Patients should be instructed to report any signs or symptoms suggestive of endophthalmitis or retinal detachment without delay, to permit prompt and appropriate management [see *Dosage and Administration (2.6)* and *Patient Counseling Information (17)*].

5.2 Increase in Intraocular Pressure

Transient increases in intraocular pressure (IOP) have been seen within 60 minutes of intravitreal injection, including with VABYSMO [see *Adverse Reactions (6.1)*]. IOP and the perfusion of the optic nerve head should be monitored and managed appropriately [see *Dosage and Administration (2.6)*].

5.3 Thromboembolic Events

Although there was a low rate of arterial thromboembolic events (ATEs) observed in the VABYSMO clinical trials, there is a potential risk of ATEs following intravitreal use of VEGF inhibitors. ATEs are defined as nonfatal stroke, nonfatal myocardial infarction, or vascular death (including deaths of unknown cause).

The incidence of reported ATEs in the nAMD studies during the first year was 1% (7 out of 664) in patients treated with VABYSMO compared with 1% (6 out of 662) in patients treated with aflibercept [see *Clinical Studies (14.1)*].

The incidence of reported ATEs in the DME studies from baseline to week 100 was 5% (64 out of 1,262) in patients treated with VABYSMO compared with 5% (32 out of 625) in patients treated with aflibercept [see *Clinical Studies (14.2)*].

The incidence of reported ATEs in the RVO studies during the first 6 months was 1.1% (7 out of 641) in patients treated with VABYSMO compared with 1.4% (9 out of 635) in patients treated with aflibercept [see *Clinical Studies (14.3)*].

5.4 Retinal Vasculitis and/or Retinal Vascular Occlusion

Retinal vasculitis and/or retinal vascular occlusion, typically in the presence of intraocular inflammation, have been reported with the use of VABYSMO [see *Adverse Reactions (6.2)*]. Discontinue treatment with VABYSMO in patients who develop these events. Patients should be instructed to report any change in vision without delay.

6 ADVERSE REACTIONS

The following potentially serious adverse reactions are described elsewhere in the labeling:

- Hypersensitivity [see *Contraindications (4)*]
- Endophthalmitis and retinal detachments [see *Warnings and Precautions (5.1)*]

- Increase in intraocular pressure [see Warnings and Precautions (5.2)]
- Thromboembolic events [see Warnings and Precautions (5.3)]
- Retinal Vasculitis and/or Retinal Vascular Occlusion [see Warnings and Precautions (5.4)]

6.1 Clinical Trials Experience

Because clinical trials are conducted under widely varying conditions, adverse reaction rates observed in the clinical trials of a drug cannot be directly compared to rates in other clinical trials of the same or another drug and may not reflect the rates observed in practice.

The data described below reflect exposure to VABYSMO in 2,567 patients, which constituted the safety population in six Phase 3 studies [see Clinical Studies (14.1, 14.2, 14.3)].

Table 1: Common Adverse Reactions (≥ 1%)

Adverse Reactions	VABYSMO			Active Control (aflibercept)		
	AMD N=664	DME N=1,262	RVO N=641	AMD N=662	DME N=625	RVO N=635
Cataract	3%	15%	< 1%	2%	12%	1%
Conjunctival hemorrhage	7%	8%	3%	8%	7%	4%
Vitreous detachment	3%	5%	2%	3%	4%	2%
Vitreous floaters	3%	4%	2%	2%	3%	2%
Retinal pigment epithelial tear ^a	3%			1%		
Intraocular pressure increased	3%	4%	1%	2%	3%	3%
Eye pain	3%	3%	< 1%	3%	3%	< 1%
Intraocular inflammation ^b	2%	1%	1%	1%	1%	< 1%
Eye irritation	1%	< 1%	< 1%	< 1%	1%	< 1%
Lacrimation increased	1%	1%	0	1%	< 1%	< 1%
Ocular discomfort	1%	1%	< 1%	< 1%	< 1%	< 1%
^a AMD only						
^b Including iridocyclitis, iritis, uveitis, vitritis						

Less common adverse reactions reported in < 1% of the patients treated with VABYSMO were corneal abrasion, eye pruritus, ocular hyperemia, blurred vision, sensation of foreign body, endophthalmitis, conjunctival hyperaemia, visual acuity reduced, visual acuity reduced transiently, vitreous hemorrhage, retinal tear and rhegmatogenous retinal detachment.

6.2 Postmarketing Experience

The following adverse reactions have been identified during postapproval use of VABYSMO. Because these reactions are reported voluntarily from a population of uncertain size, it is not always possible to reliably estimate their frequency or establish a causal relationship to drug exposure.

Eye disorders: retinal vasculitis with or without retinal vascular occlusion.

8 USE IN SPECIFIC POPULATIONS

8.1 Pregnancy

Risk Summary

There are no adequate and well-controlled studies of VABYSMO administration in pregnant women.

Administration of VABYSMO to pregnant monkeys throughout the period of organogenesis resulted in an increased incidence of abortions at intravenous (IV) doses 158 times the human exposure (based on C_{max}) of the maximum recommended human dose [see Animal Data]. Based on the mechanism of action of VEGF and Ang-2 inhibitors, there is a potential risk to female

reproductive capacity, and to embryo-fetal development. VABYSMO should not be used during pregnancy unless the potential benefit to the patient outweighs the potential risk to the fetus.

All pregnancies have a background risk of birth defect, loss, and other adverse outcomes. The background risk of major birth defects and miscarriage for the indicated population is unknown. In the U.S. general population, the estimated background risk of major birth defects is 2%-4% and of miscarriage is 15%-20% of clinically recognized pregnancies.

Data

Animal Data

An embryo fetal developmental toxicity study was performed on pregnant cynomolgus monkeys. Pregnant animals received 5 weekly IV injections of VABYSMO starting on day 20 of gestation at 1 or 3 mg/kg. A non-dose dependent increase in pregnancy loss (abortions) was observed at both doses evaluated. Serum exposure (C_{max}) in pregnant monkeys at the low dose of 1 mg/kg was 158 times the human exposure at the maximum recommended intravitreal dose of 6 mg once every 4 weeks. A no observed adverse effect level (NOAEL) was not identified in this study.

8.2 Lactation

Risk Summary

There is no information regarding the presence of faricimab in human milk, the effects of the drug on the breastfed infant, or the effects of the drug on milk production. Many drugs are transferred in human milk with the potential for absorption and adverse reactions in the breastfed child.

The developmental and health benefits of breastfeeding should be considered along with the mother's clinical need for VABYSMO and any potential adverse effects on the breastfed child from VABYSMO.

8.3 Females and Males of Reproductive Potential

Contraception

Females of reproductive potential are advised to use effective contraception prior to the initial dose, during treatment and for at least 3 months following the last dose of VABYSMO.

Infertility

No studies on the effects of faricimab on human fertility have been conducted and it is not known whether faricimab can affect reproduction capacity. Based on the mechanism of action, treatment with VABYSMO may pose a risk to reproductive capacity.

8.4 Pediatric Use

The safety and efficacy of VABYSMO in pediatric patients have not been established.

8.5 Geriatric Use

In the six clinical studies, approximately 58% (1,496/2,571) of patients randomized to treatment with VABYSMO were ≥ 65 years of age. No significant differences in efficacy or safety of faricimab were seen with increasing age in these studies. No dose adjustment is required in patients 65 years and above.

11 DESCRIPTION

Faricimab-svoa is a humanized bispecific immunoglobulin G1 (IgG1) antibody that binds both vascular endothelial growth factor A (VEGF-A) and angiopoietin-2 (Ang-2). The fragment crystallizable (Fc) region of faricimab was engineered by selected point mutations to abolish binding interactions with Fcγ and FcRn receptors. Faricimab-svoa has a total molecular weight of approximately 149 kDa and is produced by recombinant DNA technology using mammalian Chinese Hamster Ovary (CHO) cell culture.

VABYSMO (faricimab-svoa) injection is a sterile, clear to opalescent, colorless to brownish-yellow solution in a single-dose prefilled glass syringe or glass vial for intravitreal administration. Each single-dose prefilled syringe or single-dose vial is designed to deliver 0.05 mL (50 microliters) of solution containing 6 mg faricimab-svoa, L-histidine (155 mcg), L-methionine (52.2 mcg), polysorbate 20 (20 mcg), sodium chloride (73.1 mcg), D-sucrose (2.74 mg) and Water for Injection, adjusted to pH 5.5 with acetic acid. The product does not contain an anti-microbial preservative.

12 CLINICAL PHARMACOLOGY

12.1 Mechanism of Action

Faricimab is a humanized bispecific antibody that acts through inhibition of two pathways by binding to VEGF-A and Ang-2. By inhibiting VEGF-A, faricimab suppresses endothelial cell proliferation, neovascularization and vascular permeability. By inhibiting Ang-2, faricimab is thought to promote vascular stability and desensitize blood vessels to the effects of VEGF-A. Ang-2 levels are increased in some patients with nAMD, DME, and RVO. The contribution of Ang-2 inhibition to the treatment effect and clinical response for nAMD, DME, and RVO has yet to be established.

12.2 Pharmacodynamics

Increased retinal thickness, assessed by optical coherence tomography (OCT), is associated with nAMD, DME and macular edema following RVO. Leakage of blood and fluid from choroidal neovascularization, assessed by fluorescein angiography, is associated with nAMD. Reductions in CST were observed across all treatment arms throughout the six Phase 3 studies in nAMD, DME, and RVO.

12.3 Pharmacokinetics

Absorption/Distribution

Maximum faricimab plasma concentrations (C_{max}) are estimated to occur approximately 2 days post-dose. Mean (±SD) free faricimab (unbound to VEGF-A and Ang-2) plasma C_{max} are estimated to be 0.23 (0.07) mcg/mL and 0.22 (0.07) mcg/mL in nAMD and in DME patients, respectively. After repeated intravitreal administrations, mean plasma free faricimab trough concentrations are predicted to be 0.002-0.003 mcg/mL for every 8 weeks (Q8W) dosing and 0.021-0.029 mcg/mL for every 4 weeks (Q4W) dosing. Although not directly measured in the vitreous, no accumulation of faricimab is expected in the vitreous and no accumulation has been observed in plasma when faricimab has been administered as repeat doses in the vitreous.

Metabolism/Elimination

Metabolism and elimination of faricimab has not been fully characterized. Faricimab is expected to be catabolized in lysosomes to small peptides and amino acids, which may be excreted renally, in a similar manner to the elimination of endogenous IgG. The estimated mean apparent systemic half-life of faricimab is approximately 7.5 days.

Specific Populations

The systemic pharmacokinetics of faricimab were not influenced by gender, race, or mild to severe renal impairment (i.e., estimated normalized creatinine clearance by Cockcroft-Gault equation: 15 to 89 mL/min/1.73 m²). The effect of severe renal impairment or any degree of hepatic impairment on the pharmacokinetics of VABYSMO is unknown. No special dosage modification is required for any of the populations that have been studied (e.g., elderly, gender, race).

Population pharmacokinetic analysis indicated that the pharmacokinetics of faricimab are comparable in nAMD, DME, and RVO patients.

12.6 Immunogenicity

The immunogenicity of VABYSMO was evaluated in plasma samples. The immunogenicity data reflect the percentage of patients whose test results were considered positive for antibodies to VABYSMO in immunoassays. The detection of an immune response is highly dependent on the sensitivity and specificity of the assays used, sample handling, timing of sample collection, concomitant medications, and underlying disease. For these reasons, comparison of the incidence of antibodies to VABYSMO with the incidence of antibodies to other products may be misleading.

There is a potential for an immune response in patients treated with VABYSMO. In the nAMD, DME, and RVO studies, the pre-treatment incidence of anti-faricimab antibodies was approximately 0.8 to 1.8%. After initiation of dosing, the incidence of anti-faricimab antibodies was approximately 8% to 10.4% in patients treated with VABYSMO across studies. As with all therapeutic proteins, there is a potential for immunogenicity with VABYSMO.

13 NONCLINICAL TOXICOLOGY

13.1 Carcinogenesis, Mutagenesis, Impairment of Fertility

No carcinogenicity or mutagenicity data are available for VABYSMO injection in animals or humans.

Based on the anti-VEGF and Ang-2 mechanisms of action, treatment with VABYSMO may pose a risk to reproductive capacity [*see Females and Males of Reproductive Potential (8.3)*].

14 CLINICAL STUDIES

14.1 Neovascular (wet) Age-Related Macular Degeneration (nAMD)

The safety and efficacy of VABYSMO were assessed in two randomized, multi-center, double-masked, active comparator-controlled, 2-year studies (TENAYA – NCT03823287 and LUCERNE – NCT03823300) in patients with nAMD.

A total of 1,329 newly diagnosed, treatment-naïve patients were enrolled in these studies, and 664 patients received at least one dose of VABYSMO. Patient ages ranged from 50 to 99 with a mean of 75.9 years. The studies were identically designed two year studies. Patients were randomized in a 1:1 ratio to one of two treatment arms: 1) aflibercept 2 mg administered fixed every 8 weeks (Q8W) after three initial monthly doses; and VABYSMO 6 mg (0.05 mL of 120 mg/mL solution) administered by intravitreal injection every 4 weeks (approximately every 28 ± 7 days, monthly) for the first 4 doses, followed by optical coherence tomography and visual acuity evaluations 8 and 12 weeks later to determine whether to give a 6 mg (0.05 mL of 120 mg/mL solution) dose via intravitreal injection on one of the following three regimens: 1) Weeks 28 and 44; (also referred to as Q16W dosing); 2) Weeks 24, 36 and 48 (also referred to as Q12W dosing); or 3) Weeks 20, 28, 36 and 44 (also referred to as Q8W dosing). However, the utility of these criteria to guide dosing intervals has not been established.

At week 48, after 4 initial monthly doses in the VABYSMO arm, 45% of patients received the Weeks 28 and 44 dosing, 33% of patients received the Weeks 24, 36 and 48 dosing, and the remaining 22% of patients received dosing every 8 weeks. These percentages are reflective of what happened within the conduct of these trials and indicate that some patients did well on two (2) doses spaced 16 weeks apart, or three (3) doses spaced 12 weeks apart, but the percentages may not be generalizable to a broader nAMD population for a variety of reasons. The inclusion/exclusion criteria limited enrollment to a select subset of treatment-naïve, newly diagnosed nAMD patients and there is no empirical data that a similar magnitude would be observed if eligibility criteria allowed for broader enrollment. The disease activity criteria, which was instrumental in determining dose frequency, is unvalidated. Stricter criteria would have changed how patients were treated resulting in different percentages of subjects in each dose interval cohort. There was not a similarly dosed aflibercept arm for comparison, which makes the percentages difficult to interpret.

Both studies demonstrated non-inferiority to the comparator control (aflibercept) at the primary endpoint, defined as the mean change from baseline in Best Corrected Visual Acuity (BCVA) when averaged over the week 40, 44, and 48 visits and measured by the Early Treatment Diabetic Retinopathy Study (ETDRS) letter chart. The primary endpoint analysis was a non-inferiority comparison for the mean change in BCVA between the aflibercept and the VABYSMO arm. The lower bound of the 95% confidence interval for the mean change in BCVA could not be lower than minus 4 letters to declare non-inferiority. In both studies, VABYSMO treated patients had a non-inferior mean change from baseline in BCVA compared to patients treated with aflibercept. Detailed results of both studies are shown in Table 2, Figure 1, and Figure 2 below. The clinical efficacy for the second year of the study has not been reviewed.

Table 2: Primary Endpoint Results^a in the TENAYA and LUCERNE Studies

	TENAYA		LUCERNE	
	VABYSMO N = 334	Aflibercept N = 337	VABYSMO N = 331	Aflibercept N = 327
Mean change in BCVA as measured by ETDRS letter score from baseline (95% CI)	5.8 (4.6, 7.1)	5.1 (3.9, 6.4)	6.6 (5.3, 7.8)	6.6 (5.3, 7.8)
Difference in LS mean (95% CI)	0.7 (-1.1, 2.5)		0.0 (-1.7, 1.8)	

^a Average of weeks 40, 44 and 48
 BCVA: Best Corrected Visual Acuity
 ETDRS: Early Treatment Diabetic Retinopathy Study
 CI: Confidence Interval
 LS: Least Square

Figure 1: Mean Change in Visual Acuity from Baseline to Week 48 in TENAYA

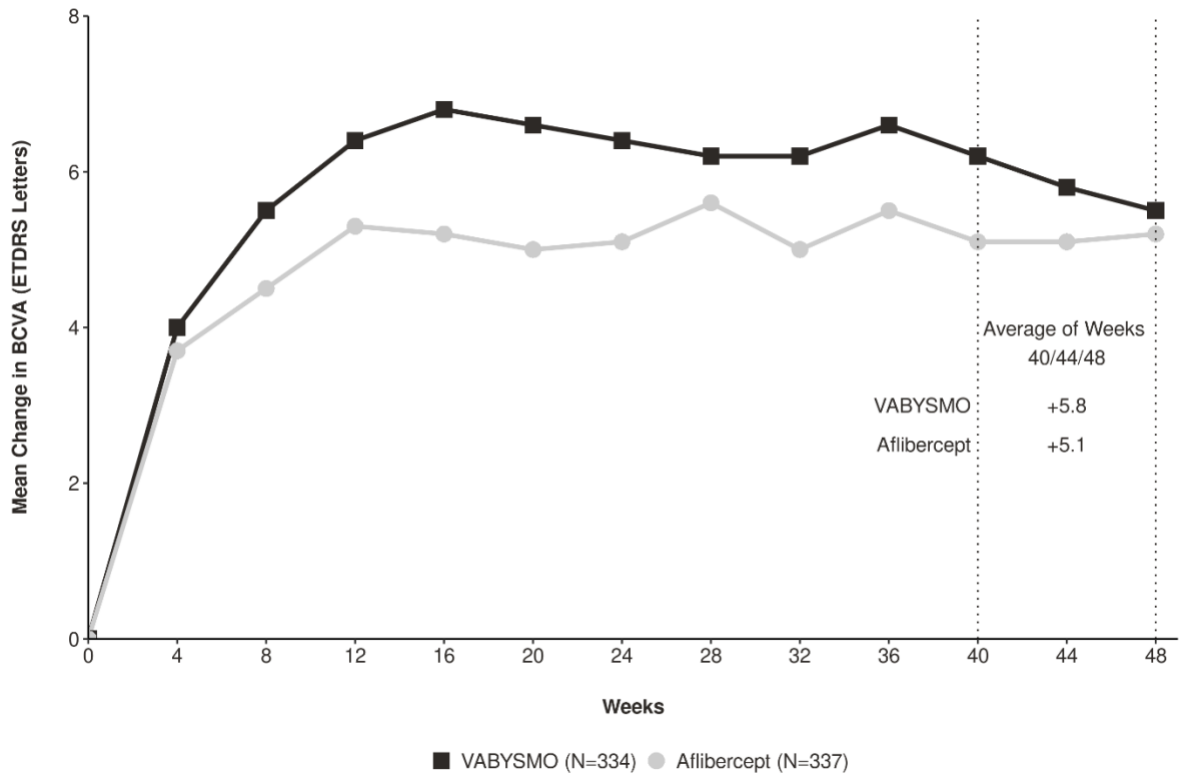
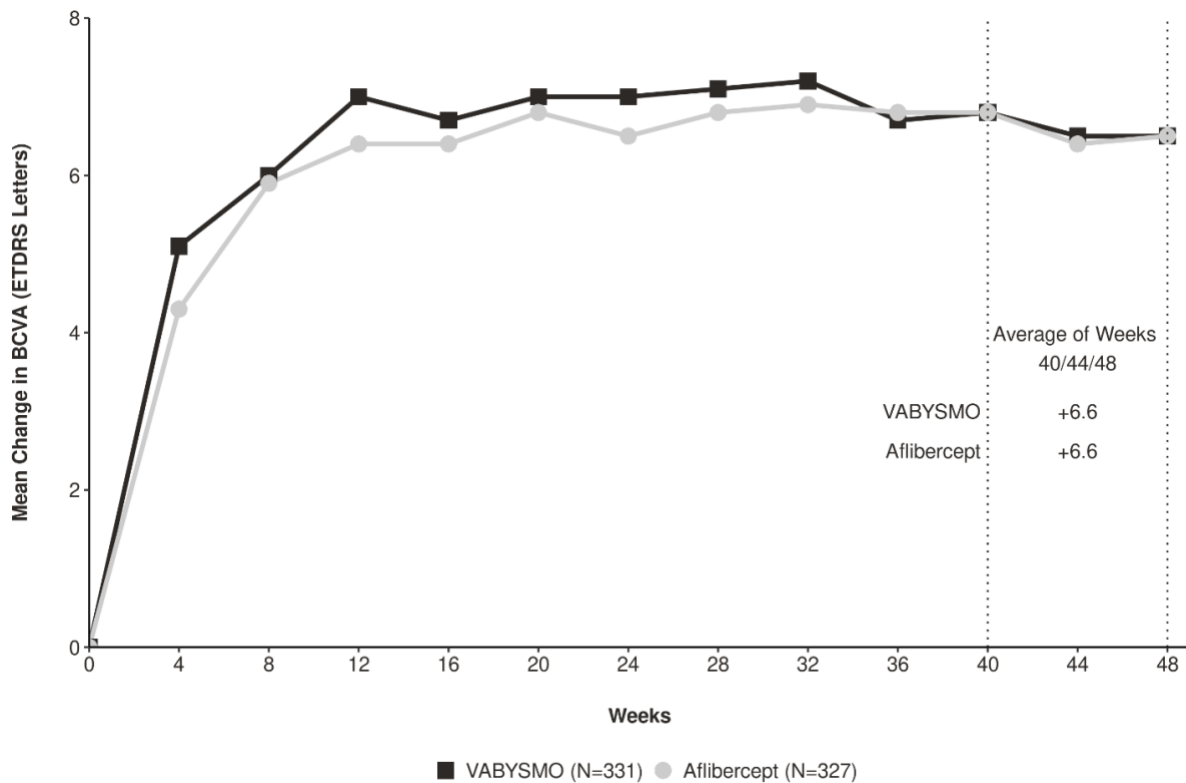


Figure 2: Mean Change in Visual Acuity from Baseline to Week 48 in LUCERNE



Treatment effects in evaluable subgroups (e.g., age, gender, race, baseline visual acuity) in each study were consistent with the results in the overall population.

14.2 Diabetic Macular Edema (DME)

The safety and efficacy of VABYSMO were assessed in two randomized, multi-center, double-masked, active comparator-controlled 2-year studies (YOSEMITE – NCT03622580 and RHINE – NCT03622593) in patients with DME.

A total of 1,891 diabetic patients were enrolled in the two studies with a total of 1,262 patients treated with at least one dose of VABYSMO. Patient ages ranged from 24 to 91 with a mean of 62.2 years. The overall population included both anti-VEGF naïve patients (78%) and patients who had been previously treated with a VEGF inhibitor prior to study participation (22%).

The studies were identically designed two year studies. Patients were randomized in a 1:1:1 ratio to one of three treatment regimens: 1) aflibercept Q8W, patients received fixed aflibercept 2 mg administered every 8 weeks (Q8W) after the first five monthly doses; 2) VABYSMO Q8W, patients received fixed VABYSMO 6 mg administered Q8W after the first six monthly doses; and 3) VABYSMO Variable, patients received VABYSMO 6 mg administered every 4 weeks for at least 4 doses and until the central subfield thickness (CST) of the macula measured by optical coherence tomography was less than approximately 325 microns, then the interval of dosing was modified by up to 4 week interval extensions or reductions of up to 8 week interval increments based on CST and visual acuity disease activity criteria at study drug dosing visits.

After 4 initial monthly doses, the patients in the VABYSMO Variable arm received between a minimum of 1 and a maximum of 21 total injections (median of 7 injections) through Week 96 inclusive. At Week 56, 32% of patients had completed at least one Q12W interval followed by one full Q16W interval. Seventeen percent (17%) of patients were treated on Q8W and/or Q4W dosing intervals through Week 56 (7% only on Q4W). These percentages are reflective of what happened within the conduct of these trials, but the percentages may not be generalizable to a broader DME population.

The inclusion/exclusion criteria limited enrollment to a select subset of DME patients and there is no empirical data that a similar magnitude would be observed if eligibility criteria allowed for broader enrollment. The disease activity criteria, which were instrumental in determining dose frequency, are unvalidated. Different criteria would have changed how patients were treated resulting in different percentages of subjects in each dose interval cohort. There was not a similarly dosed aflibercept arm for comparison which makes the percentages difficult to interpret.

Both studies demonstrated non-inferiority to the comparator control (aflibercept) at the primary endpoint, defined as the mean change from baseline in BCVA at year 1 (average of the Week 48, 52, and 56 visits), measured by the ETDRS Letter Score. The primary endpoint analysis was a non-inferiority comparison for the mean change in BCVA between the aflibercept and VABYSMO arms. The lower bound of the 97.5% confidence interval for the mean change in BCVA could not be lower than minus 4 letters to declare non-inferiority. In both studies, VABYSMO Q8W and VABYSMO Variable treated patients had a non-inferior mean change from baseline in BCVA to the patients treated with aflibercept Q8W at the year 1 primary endpoint. Detailed results of both studies are shown in Table 3, Figure 3, and Figure 4 below.

Table 3: Efficacy Results at Year 1^a and at Year 2^b in the YOSEMITE and RHINE Studies

	YOSEMITE						RHINE					
	Year 1			Year 2			Year 1			Year 2		
	VABYSMO Q8W N = 315	VABYSMO Variable N = 313	Aflibercept Q8W N = 312	VABYSMO Q8W N = 262	VABYSMO Variable N = 270	Aflibercept Q8W N = 259	VABYSMO Q8W N = 317	VABYSMO Variable N = 319	Aflibercept Q8W N = 315	VABYSMO Q8W N = 259	VABYSMO Variable N = 282	Aflibercept Q8W N = 254
Mean change in BCVA as measured by ETDRS letter score from baseline (97.5% CI year 1 and 95% CI year 2)	10.7 (9.4, 12.0)	11.6 (10.3, 12.9)	10.9 (9.6, 12.2)	10.7 (9.4, 12.1)	10.7 (9.4, 12.1)	11.4 (10.0, 12.7)	11.8 (10.6, 13.0)	10.8 (9.6, 11.9)	10.3 (9.1, 11.4)	10.9 (9.5, 12.3)	10.1 (8.7, 11.5)	9.4 (7.9, 10.8)
Difference in LS mean (97.5% CI year 1 and 95% CI year 2)	-0.2 (-2.0, 1.6)	0.7 (-1.1, 2.5)		-0.7 ^c	-0.7 ^c		1.5 (-0.1, 3.2)	0.5 (-1.1, 2.1)		1.5 ^c	0.7 ^c	

^aAverage of Weeks 48, 52, 56

^bAverage of Weeks 92, 96, 100

^cA non-inferiority margin was not available for year 2

BCVA: Best Corrected Visual Acuity

ETDRS: Early Treatment Diabetic Retinopathy Study

CI: Confidence Interval

LS: Least Square

Figure 3: Mean Change in Visual Acuity from Baseline to Year 2 (Week 100) in YOSEMITE

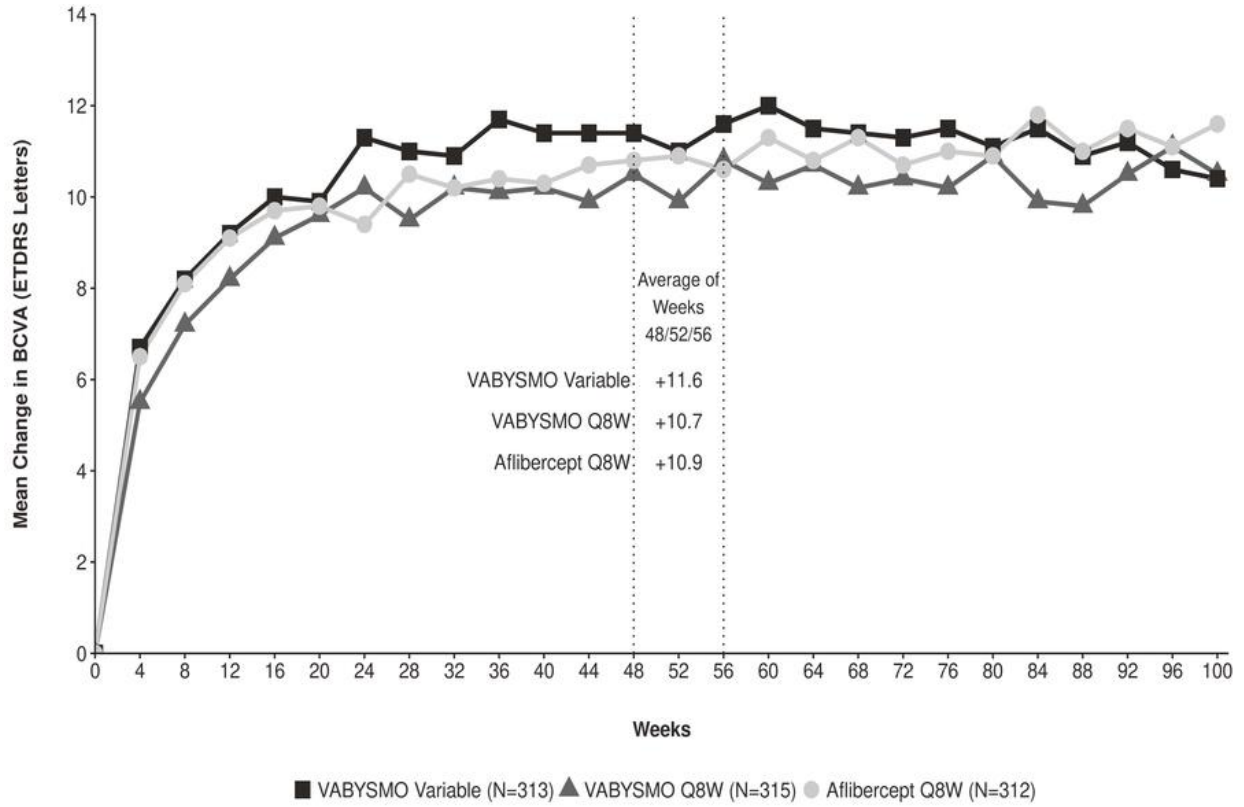
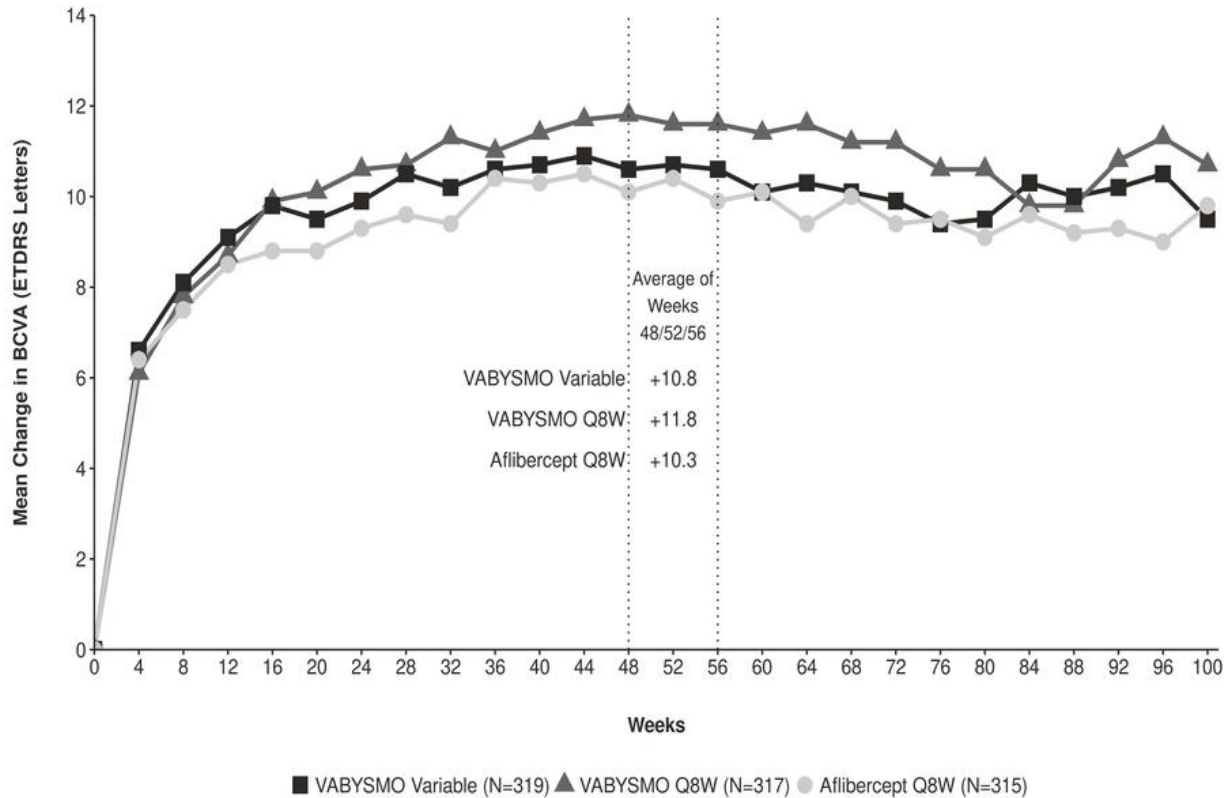


Figure 4: Mean Change in Visual Acuity from Baseline to Year 2 (Week 100) in RHINE



Treatment effects in the subgroup of patients who were anti-VEGF naïve prior to study participation were similar to those observed in the overall population. Treatment effects in evaluable subgroups (e.g., by age, gender, race, baseline HbA1c, baseline visual acuity) in each study were generally consistent with the results in the overall population.

14.3 Macular Edema Following Retinal Vein Occlusion (RVO)

The safety and efficacy of VABYSMO were assessed in two randomized, multicenter, double-masked, studies (BALATON – NCT04740905 in patients with macular edema following branch retinal vein occlusion, and COMINO – NCT04740931 in patients with macular edema following central retinal vein occlusion/hemiretinal vein occlusion). Active comparator-controlled data are available through month 6.

A total of 1,282 newly diagnosed, treatment-naïve patients were enrolled in these studies, of which 641 patients received at least one dose of VABYSMO through 6 months. Patient ages ranged from 28 to 93 with a mean of 64 years, and 22 to 100 with a mean of 65 years in BALATON and COMINO, respectively.

In both studies, patients were randomized in a 1:1 ratio to either 6 mg VABYSMO administered every 4 weeks, or the control arm receiving aflibercept 2 mg injections every 4 weeks for a total of 6 injections.

In both studies, the VABYSMO 6 mg Q4W arm demonstrated non-inferiority to the comparator control (aflibercept) arm for the primary endpoint, which was defined as the change from baseline in BCVA at week 24, measured by the ETDRS Letter Score. The primary endpoint analysis was a non-inferiority comparison for the mean change in BCVA between the aflibercept and VABYSMO arms, where the lower bound of the 95% confidence interval for the mean change in BCVA could not be lower than minus 4 letters to declare non-inferiority.

Detailed results for both BALATON and COMINO studies are shown in Table 4, Figure 5, and Figure 6 below.

Table 4: Primary Endpoint Results at Week 24 in the BALATON and COMINO Studies

	BALATON		COMINO	
	VABYSMO N = 276	Aflibercept N = 277	VABYSMO N = 366	Aflibercept N = 363
Mean change in BCVA as measured by ETDRS letter score from baseline (95% CI)	16.9 (15.7, 18.1)	17.5 (16.3, 18.6)	16.9 (15.4, 18.3)	17.3 (15.9, 18.8)
Difference in LS mean (95% CI)	-0.6 (-2.2, 1.1)		-0.4 (-2.5, 1.6)	

BCVA: Best Corrected Visual Acuity
 ETDRS: Early Treatment Diabetic Retinopathy Study
 CI: Confidence Interval
 LS: Least Square

Figure 5: Mean Change in Visual Acuity from Baseline to Week 24 in BALATON

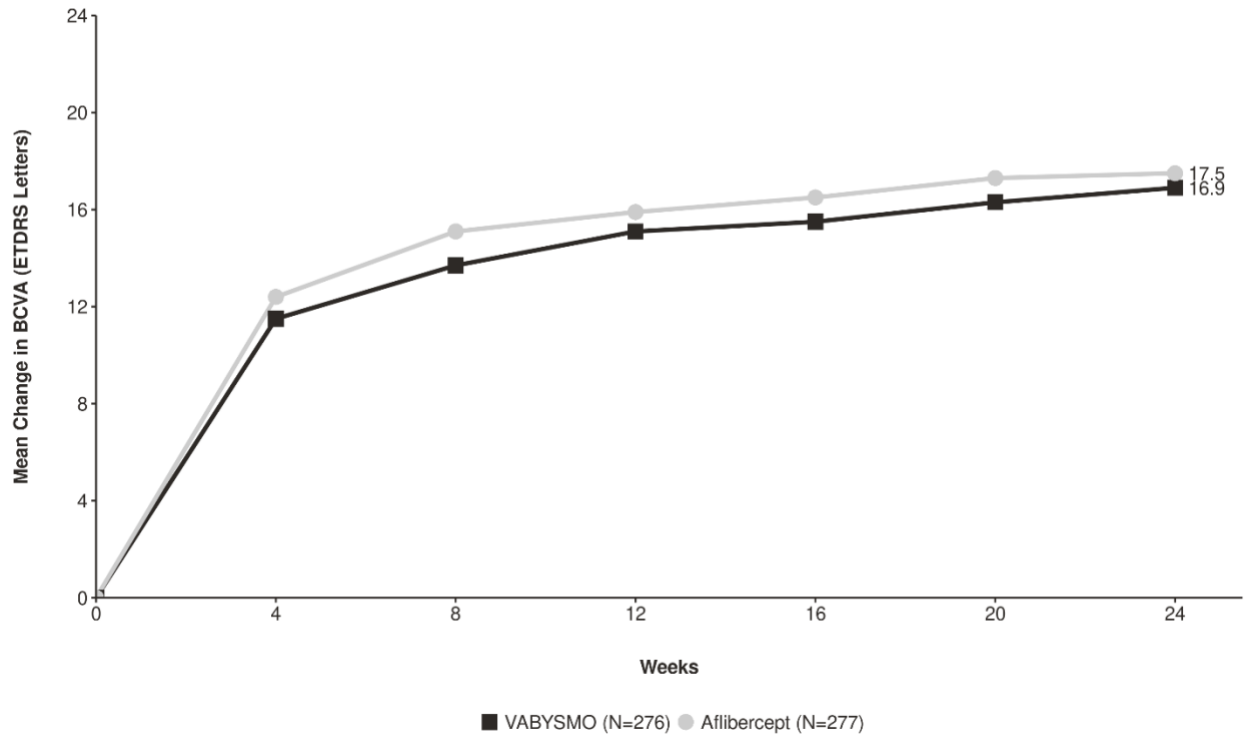
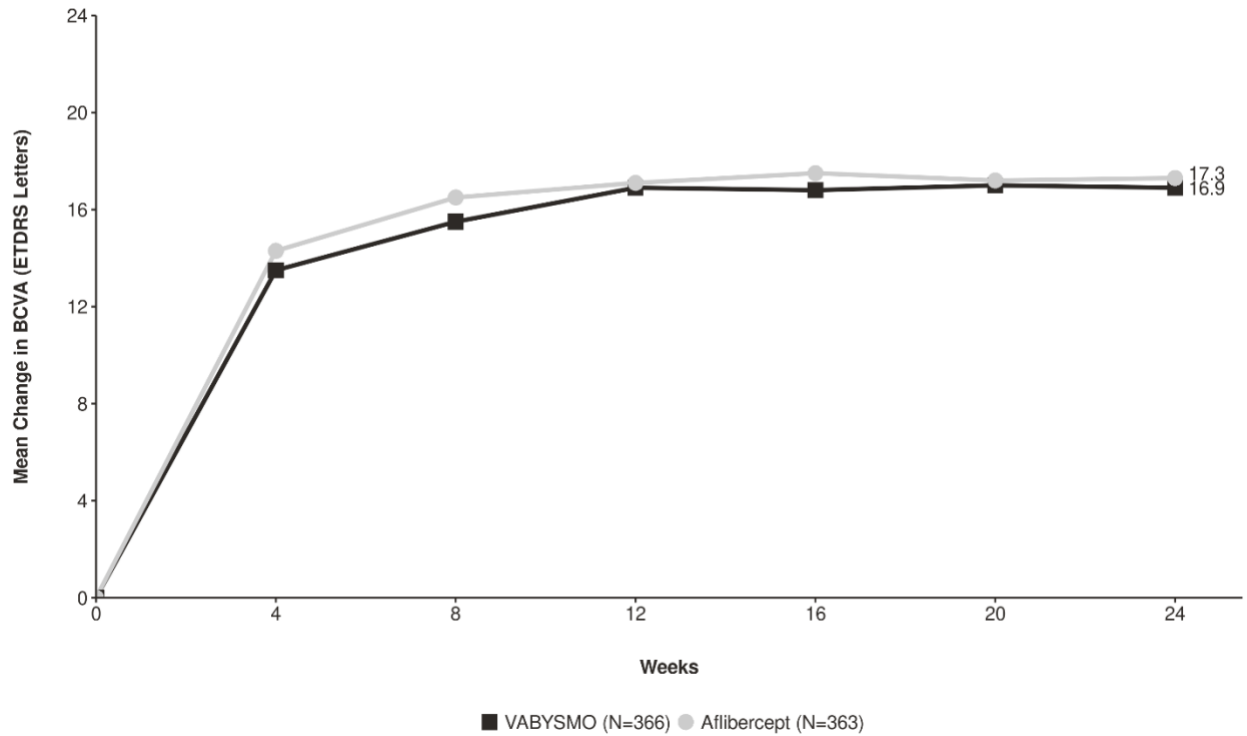


Figure 6: Mean Change in Visual Acuity from Baseline to Week 24 in COMINO



16 HOW SUPPLIED/STORAGE AND HANDLING

16.1 How Supplied

VABYSMO (faricimab-svoa) injection is supplied as a clear to opalescent, colorless to brownish-yellow solution as 6 mg (0.05 mL of 120 mg/mL solution) in a single-dose prefilled syringe or single-dose vial. Each prefilled syringe or vial is for treatment of a single eye.

VABYSMO is supplied in the following presentations:

NDC NUMBER	CARTON TYPE	CARTON CONTENTS
50242-096-06	Prefilled Syringe	one 6 mg (0.05 mL of 120 mg/mL solution) single-dose prefilled glass syringe, in a sealed tray one sterile injection filter needle (30-gauge x ½ inch, 0.30 mm x 12.7 mm, Extra Thin Wall) one Prescribing Information
50242-096-01	Vial	one 6 mg (0.05 mL of 120 mg/mL solution) single-dose glass vial one sterile 5-micron blunt transfer filter needle (18-gauge x 1½ inch, 1.2 mm x 40 mm) one Prescribing Information

16.2 Storage and Handling

Store VABYSMO in the refrigerator between 2°C to 8°C (36°F to 46°F). Do not freeze. Do not shake. Keep the sealed tray containing the prefilled syringe or the vial in the original carton to protect from light.

Prior to use, the unopened prefilled syringe or glass vial of VABYSMO may be kept at room temperature, 20°C to 25°C (68°F to 77°F), for up to 24 hours. Ensure that the injection is given immediately after preparation of the dose.

17 PATIENT COUNSELING INFORMATION

Advise patients that in the days following VABYSMO administration, patients are at risk of developing endophthalmitis, retinal detachment, intraocular inflammation and retinal vasculitis with or without retinal vascular occlusion. If the eye becomes red, sensitive to light, painful, or develops a change in vision, advise the patient to seek immediate care from an ophthalmologist [see *Warnings and Precautions (5)*].

Patients may experience temporary visual disturbances after an intravitreal injection with VABYSMO and the associated eye examinations [see *Adverse Reactions (6)*]. Advise patients not to drive or use machinery until visual function has recovered sufficiently.

VABYSMO® [faricimab-svoa]

Manufactured by:

Genentech, Inc.

A Member of the Roche Group

1 DNA Way

South San Francisco, CA 94080-4990

U.S. License No.: 1048

VABYSMO is a trademark of Genentech, Inc.

©2024 Genentech, Inc.