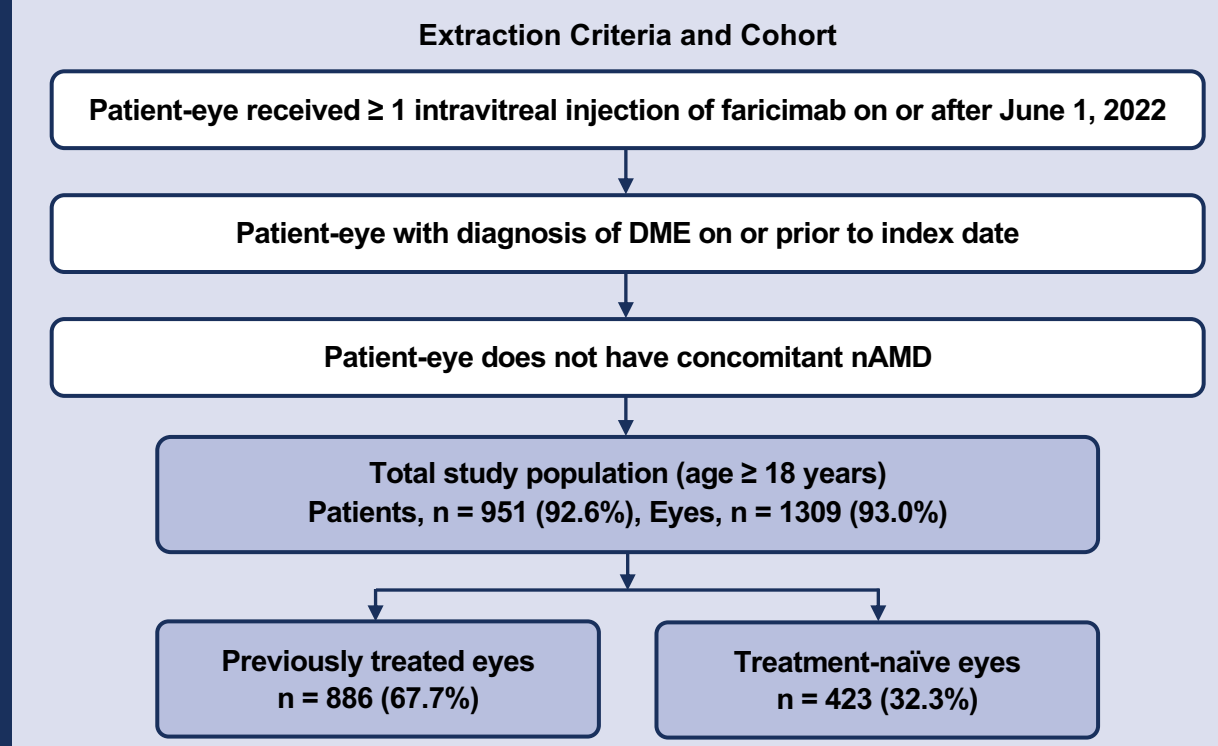


Real-world Use of Faricimab to Treat DME Patients in the UK (FARWIDE Study)

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Patient Selection



Conclusions

- FARWIDE is a multicenter, real-world study underway to evaluate faricimab uptake, patient characteristics, treatment frequency, and visual acuity outcomes
- Data from 951 patients and 1309 eyes, evaluated during the first 9 months of faricimab launch, showed that:
 - Patient demographics were generally as expected for a cohort with DME
 - A majority of the faricimab patient-eyes with DME were switched from another anti-VEGF treatment
 - Most eyes had less than 3 months of follow-up and received 4 or fewer faricimab injections
 - 52% previously treated eyes and 61% treatment-naïve eyes received ≥ 4 injections in the first 18 weeks after initiating faricimab
 - Treatment-naïve eyes achieved visual gains

Limitations

- This is an observational, noncontrolled study with no standardized measurements of visual acuity, no anatomical outcomes to fully understand the treatment response, and a lack of physician dosing frequency rationale
- These results report the patterns of early faricimab use; additional data on treatment frequency and visual acuity change will be reported as the follow-up on faricimab accrues over time

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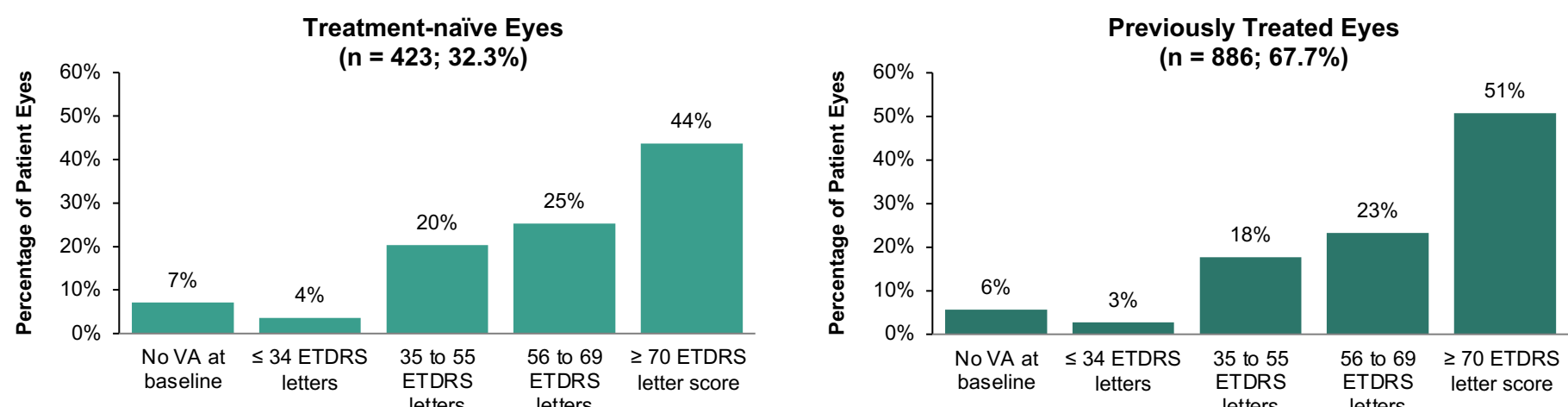
Results

1. Baseline Patient Demographics

Baseline Characteristics	Patients (n = 951)
Age at first faricimab injection, mean (SD)	63.35 (11.6)
Sex	
Female	368 (38.7%)
Ethnicity	
White British	502 (52.8%)
White Irish	5 (0.5%)
Asian or Asian British	77 (8.1%)
Black or Black British	27 (2.8%)
Chinese	3 (0.3%)
Any other White background	23 (2.4%)
Any other mixed background	3 (0.3%)
Any other ethnic group	10 (1.1%)
Not stated	301 (31.7%)
Index of Multiple Deprivation Decile (composite SES measure)	
1–2 (most deprived)	211 (22.2%)
3–4	221 (23.2%)
5–6	188 (19.8%)
7–8	180 (18.9%)
9–10 (least deprived)	137 (14.4%)
Not stated	14 (1.5%)

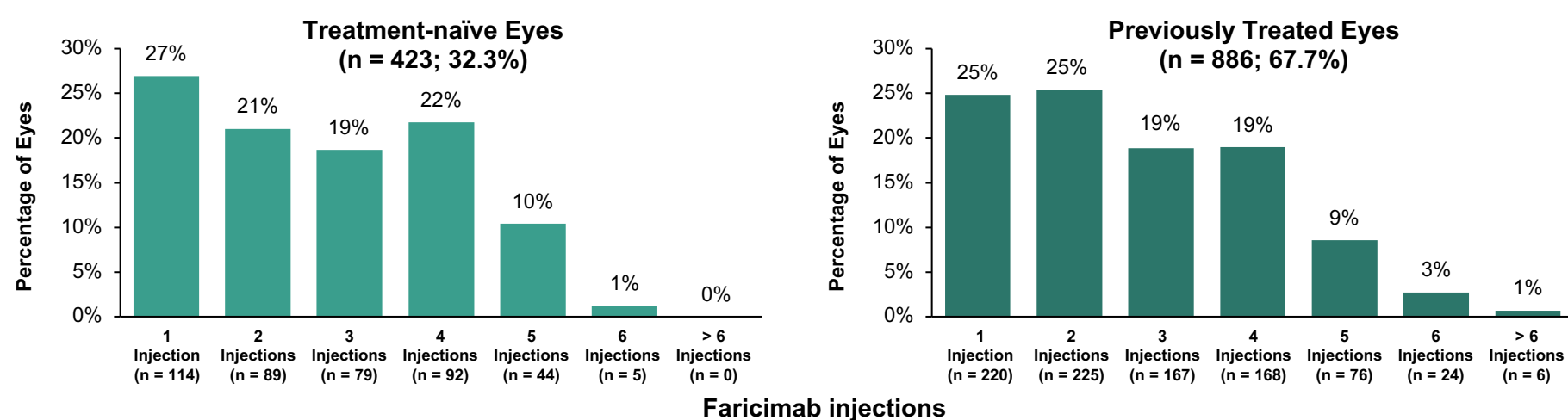
SD, standard deviation; SES, socio-economic status.

3. A High Proportion of Eyes had a Baseline VA^a of 70 or More ETDRS Letters (20/40 or Better)^b



^a Most recently recorded VA measurement within 28 days prior to or on the index date; ^b Among eyes with a baseline VA. ETDRS, Early Treatment of Diabetic Retinopathy Study; VA, visual acuity.

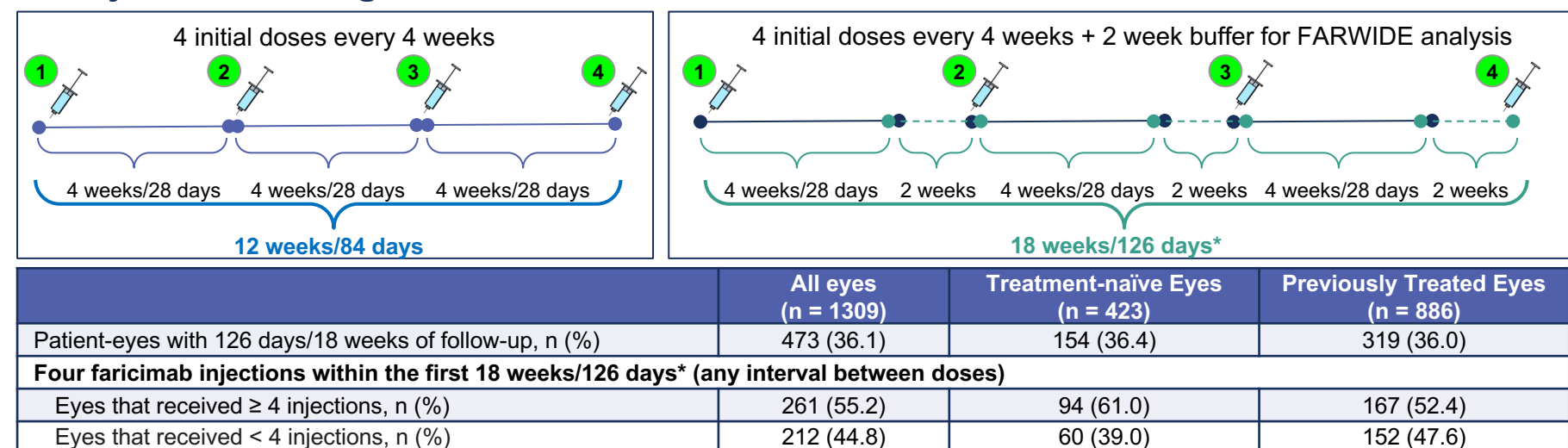
5. Most Eyes Received up to 4 Injections



► Mean (SD) number of faricimab injections per eye was 2.7 (1.4) for both treatment-naïve and previously treated eyes over a mean of 2.5 (2.0) and 2.6 (2.1) months, respectively

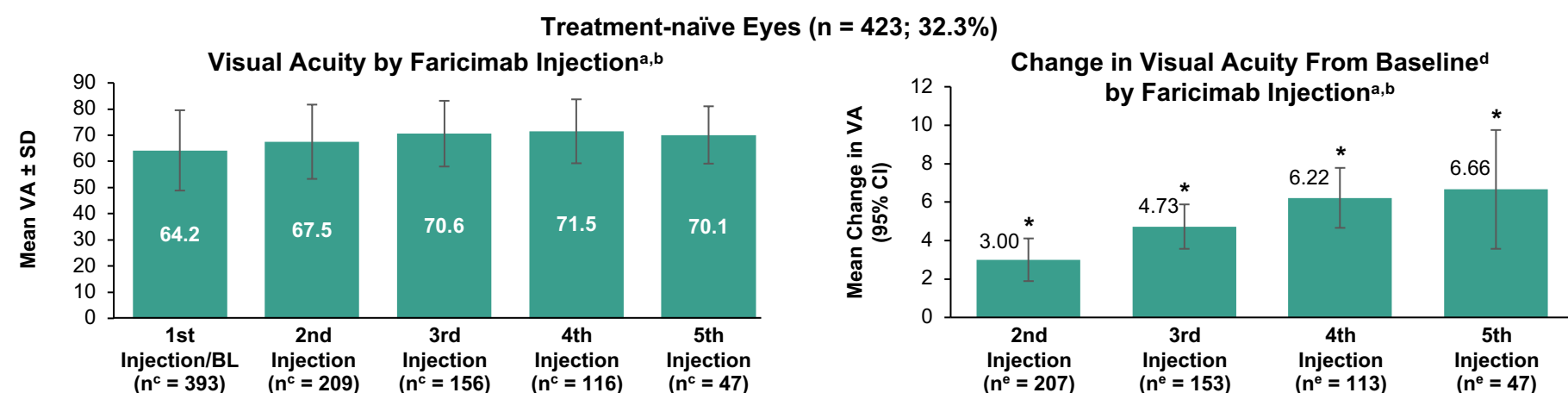
Data are from entire follow-up period and were extracted on March 13, 2023. SD, standard deviation.

7. Almost Half of Previously Treated Eyes and 39% of Treatment-naïve Eyes Received < 4 Injections During the First 18 Weeks



*The 18-week period corresponds to 4 initial doses given every 4 weeks, with a two-week buffer between injections to allow for scheduling of injections.

9. VA Gains in Treatment-naïve Eyes Over the Course of 5 Injections



^a Among eyes with a baseline VA; ^b VA at each injection is the most recent recorded VA measurement within 14 days prior to the injection (28 days for injection 1), including the injection date; ^c Eye counts that had VA at that injection alone, independent from having baseline VA; ^d Baseline corresponds with 1st injection; * Eye counts with VA at 1st and the respective injection number

* Nominal P-value < 0.001; P values are nominal and not adjusted for multiplicity; no formal statistical conclusion should be made based on the P values.

BL, baseline; CI, confidence interval; BL, baseline; SD, standard deviation; VA, visual acuity.

2. Baseline Eye Characteristics

Characteristics	Treatment-naïve Eyes (n = 423; 32.3%)	Previously Treated Eyes (n = 886; 67.7%)
Left eye, n (%)	219 (51.8%)	436 (49.2%)
Right eye, n (%)	204 (48.2%)	450 (50.8%)
Baseline ocular conditions ^a		
Glaucoma	0	11 (1.2%)
Cataract	57 (13.5%)	77 (8.7%)
Amblyopia	2 (0.5%)	1 (0.1%)
Diabetic retinopathy ^b	248 (58.6%)	423 (47.7%)
Retinal vein occlusion	1 (0.2%)	5 (0.6%)

^a Diagnosis within the 12 months (365 days) prior to the index date, including the index date.

^b Diabetic retinopathy data included here based on the Electronic Health Record.

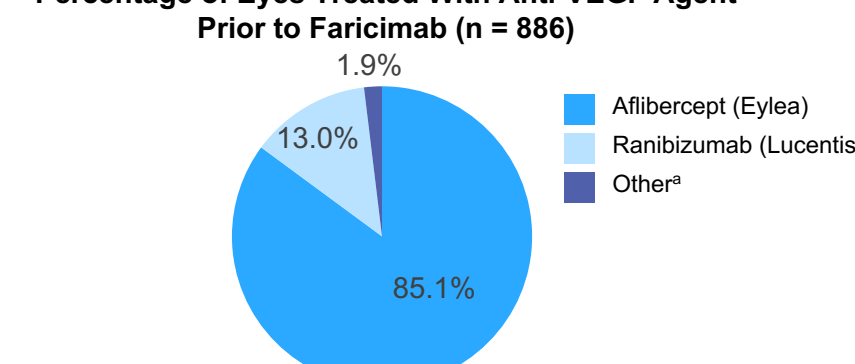
4. Previously Treated Patients: Prior Anti-VEGF Treatment

- Most previously treated patients switched from aflibercept
- Switched eyes were on treatment for an average (mean) of 3 years before switching to faricimab
- Mean anti-VEGF injection frequency in prior treatment was 17 injections, approximately 10 weeks apart

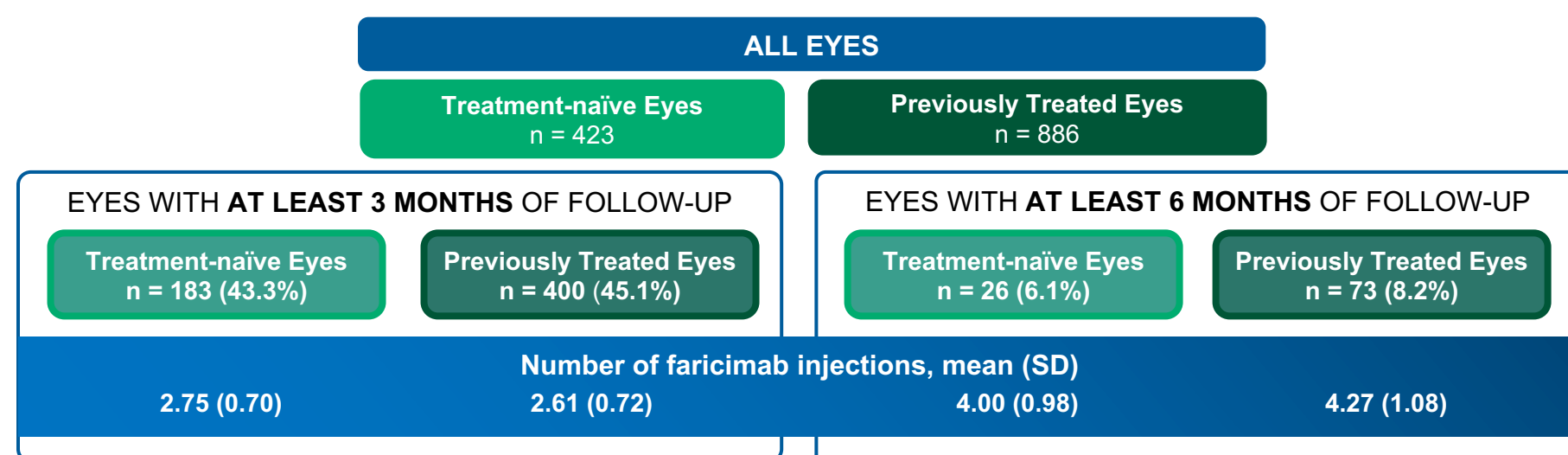
Prior Anti-VEGF Treatment (n = 886)	
Duration (years)	
Mean (SD)	3.1 (2.6)
Median (Q1, Q3)	3.3 (1.6, 5.4)
Number of injections	
Mean (SD)	17.2 (13.3)
Median (Q1, Q3)	13.5 (8, 23)
Last anti-VEGF treatment interval (weeks)	
Mean (SD)	9.7 (16.5)
Median (Q1, Q3)	6.4 (4.9, 9.3)

^a Bevacizumab (Avastin), brodalumab (Beovu), pegaptanib (Macugen), ranibizumab (Byoviz), ranibizumab (Lucentis), and ranibizumab (Ongavia). Q1, 25th percentile; Q3, 75th percentile; SD, standard deviation; VA, vision acuity; VEGF, vascular endothelial growth factor.

Percentage of Eyes Treated With Anti-VEGF Agent Prior to Faricimab (n = 886)

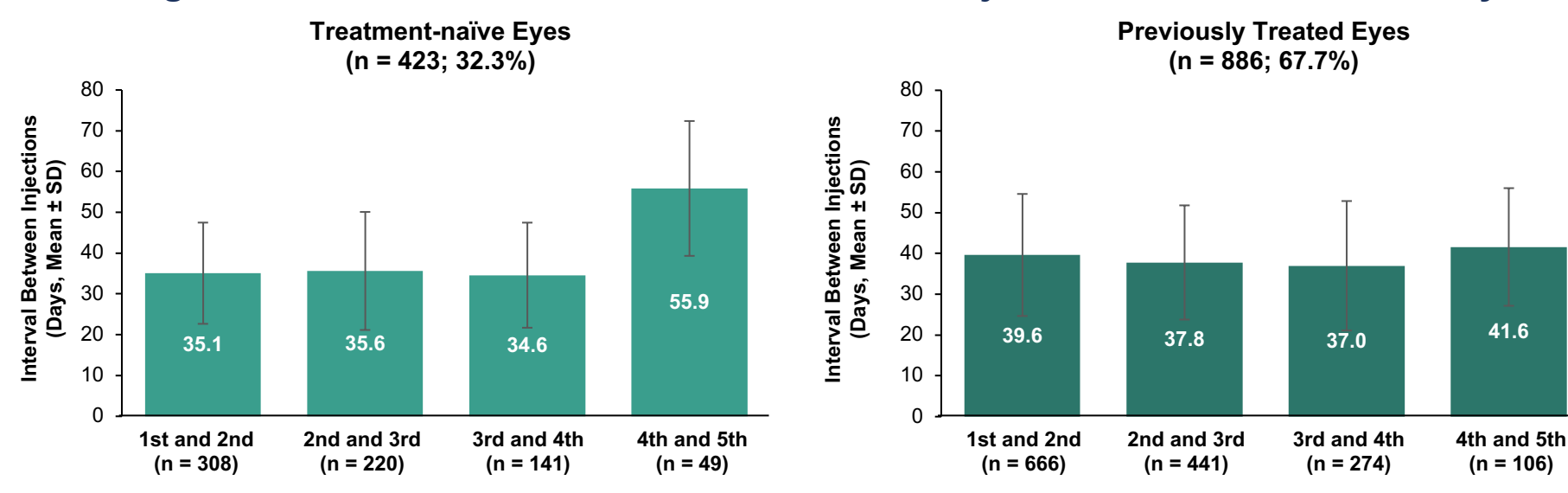


6. Most Eyes Treated With Faricimab Had < 3 Months of Follow-up



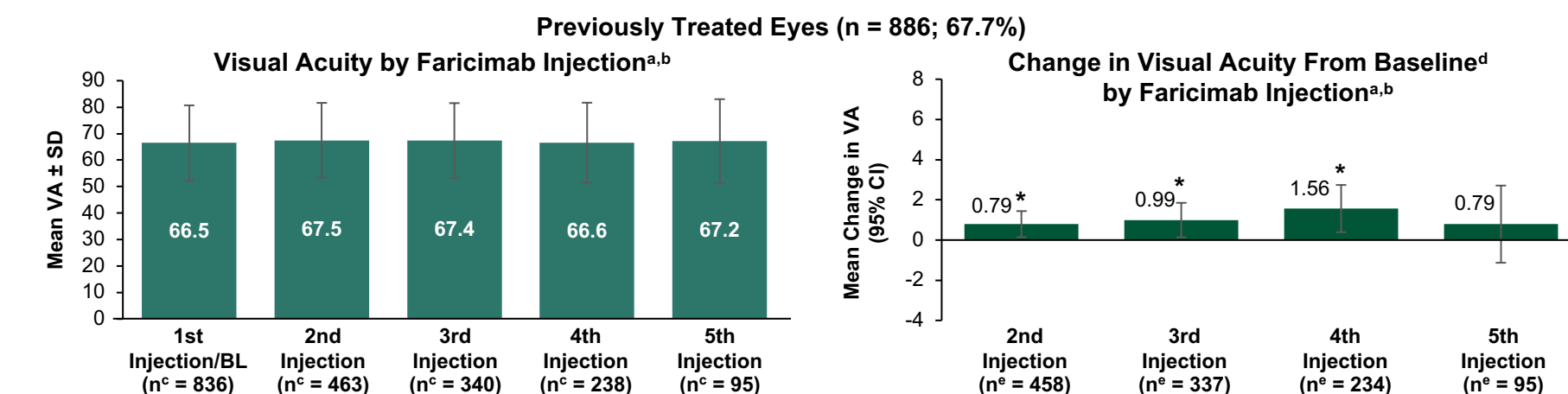
► Eyes with at least 3 months follow-up received approximately 3 faricimab injections, on average

8. Average Treatment Interval Extended After the 4th Injection in Treatment-Naïve Eyes



SD, standard deviation.

10. Stable VA in Previously Treated Eyes Over the Course of 5 Injections



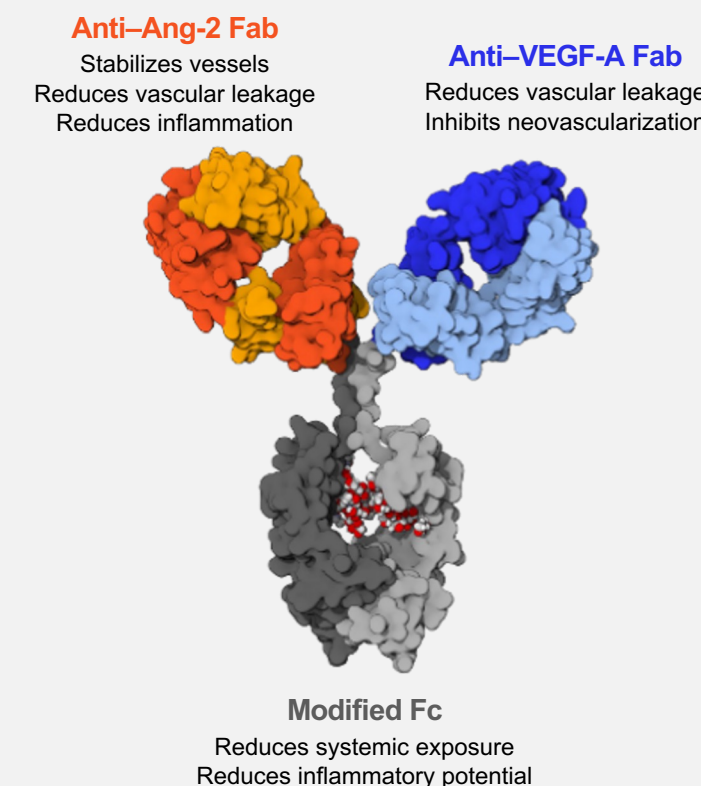
^a Among eyes with a baseline VA; ^b VA at each injection is the most recent recorded VA measurement within 14 days prior to the injection (28 days for injection 1), including the injection date; ^c Eye counts that had VA at that injection alone, independent from having baseline VA; ^d Baseline corresponds with 1st injection; * Eye counts with VA at 1st and the respective injection number

* Nominal P-value < 0.05; P values are nominal and not adjusted for multiplicity; no formal statistical conclusion should be made based on the P values.

BL, baseline; CI, confidence interval; SD, standard deviation; VA, visual acuity.

Background

- Faricimab (Vabysmo[®]) is the first bispecific antibody for intraocular use that independently binds and neutralizes both angiopoietin-2 and VEGF-A with high specificity and potency¹
- Faricimab was approved in GB on May 17, 2022, for the treatment of DME²
- Faricimab Real-World Evidence (FARWIDE) is a retrospective observational study taking place from 2022 to 2024 to evaluate:
 - Faricimab uptake
 - Patient characteristics
 - Treatment frequency
 - Visual acuity outcomes



Methods

- FARWIDE-DME includes patients receiving faricimab for the treatment of DME at 14 participating National Health Service sites using the Medisoft ophthalmic electronic medical record system
- Site recruitment currently underway; plan to recruit 25 sites in total
- Preliminary data up to the week of March 13, 2023 are presented, with an observation period of approximately 9 months, from June 2022 to February 2023

Abbreviations

BL, baseline; CI, confidence interval; DME, diabetic macular edema; ETDRS, Early Treatment of Diabetic Retinopathy Study; nAMD, neovascular age-related macular degeneration; Q1, 25th percentile; Q3, 75th percentile; SD, standard deviation; SES, socio-economic status; VA, visual acuity; VEGF, vascular endothelial growth factor.

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- VABYSMO Summary of Product Characteristics. Available at <https://www.medicines.org.uk/emc/product/13741> (Accessed June 2023).
- National Institute for Health and Care Excellence (NICE) Documents TA799; 2022. Available at <https://www.nice.org.uk/guidance/TA799> (Accessed June 2023).

Financial Disclosures

- RPG: Consultant: AbbVie, Allergan, Bayer, Biogen, Boehringer Ingelheim, Novartis, Roche. Research: Bayer, Novartis, Roche
- TP: Consultant: Alimera Sciences Ltd, Allergan (AbbVie), Apellis, Boehringer Ingelheim, Heidelberg Engineering, Novartis, Optos, Oxurion, Roche
- JT: Research, advisory boards, and travel: Bayer, Novartis, Roche
- GDS: Advisory boards: Apellis, Teva; Advisory boards, speaker, travel: AbbVie, Bayer, Novartis; Advisory boards, travel, consultant: Roche; Consultant: Boehringer Ingelheim; Speaker, travel: Heidelberg Engineering
- AL: Travel: Equity in Eyebio, Roche
- IP: Consultant: Alimera Sciences Ltd; Consultant and speaker: Allergan, Apellis, Bayer, Biogen, Novartis, Roche
- CK: Advisory boards: Alimera Sciences Ltd, Bayer; Speaker: Quantel Medical; Chair: Roche
- CB: Advisory board, meetings, lecture, travel: Alimera Sciences Ltd, Apellis, Bayer, Boehringer Ingelheim, Janssen, Novartis, Roche
- SS: Funding/fees: AbbVie, Apellis, Bayer, Biogen, Boehringer Ingelheim, EyeBiotech, Novartis, Optos, Roche
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- NJ, PS: Employee: Roche Products Ltd.
- AD: Employee: Hoffmann-La Roche Ltd.
- MD, SM: Employee: Medisoft Limited
- GC,PD: Employee: Genentech, Inc.

Study and Product Disclosures

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- Institutional Review Board approval was obtained prior to study initiation
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