



# **SPECTRUM: Early clinical experience from the first global real-world study of aflibercept 8 mg in patients with treatment-naïve neovascular age-related macular degeneration**

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# SPECTRUM

## Disclosures

- **Vasileios Konidakis:** Receives honoraria from AbbVie, Bayer, Novartis, and Roche
  - **CL:** Receives honoraria from Apellis, Bayer, Biogen, and Novartis. **MRM:** Consulting fees from AbbVie, Allergan, Apellis, Aviceda Therapeutics, Bayer, Boehringer-Ingelheim, Dandelion, Eyepoint, Gensight, Iveric Bio, Isarna Therapeutics, Kubota, Lumithera, Novartis, Ocuterra, Oculis, Ocular Therapeutix, RetinAI, Roche, and Zeiss. **PL:** Consultant for Aerie Pharmaceuticals, Allergan, Annexon, Apellis, Bausch + Lomb, Bayer, Biogen, Boehringer Ingelheim, Eyepoint Pharmaceuticals, Genentech, I-Care, Novartis, Ocular Therapeutix, Outlook Therapeutics, and Roche. **VC:** Consulting fees from EyePoint; receives grants from Bayer, Novartis, and Roche; serves on advisory boards for Alcon, Roche, Bayer, Novartis, Apellis, and Boehringer Ingelheim. **HO:** Consultant for AbbVie, Bayer, Novartis, and Roche. **TM:** Employee of Bayer AG. **HA** and **XZ:** Employees of Bayer Consumer Care AG. **CB:** Receives honoraria from Alimera Sciences, Apellis, Bayer, and Roche; has served on advisory boards for Apellis, Bayer, Boehringer Ingelheim, Janssen, and Roche
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- The sponsor participated in the design and conduct of the study, analysis of the data, and preparation of this presentation
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# SPECTRUM: Global real-world study of aflibercept 8 mg

A non-interventional country and global cohort study planned in 18 countries



## 2 indications, 4 patient cohorts

Treatment-naïve **nAMD** and previously treated **nAMD**  
Treatment-naïve **DME** and previously treated **DME**



Primary endpoint: Change in **VA** from **BL** to Month 12



## Secondary endpoints include:

Change in **VA** and **CRT** from BL to Month 6



Number of **injections** and **visits**, and **safety** through Month 6

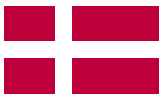
To date, **2149** patients enrolled



Australia



Canada



Denmark



Finland



France



Germany



Italy



Japan



Republic of Korea



Netherlands



Norway



Portugal



Saudi Arabia



Spain



Sweden



Switzerland




United Arab  
Emirates

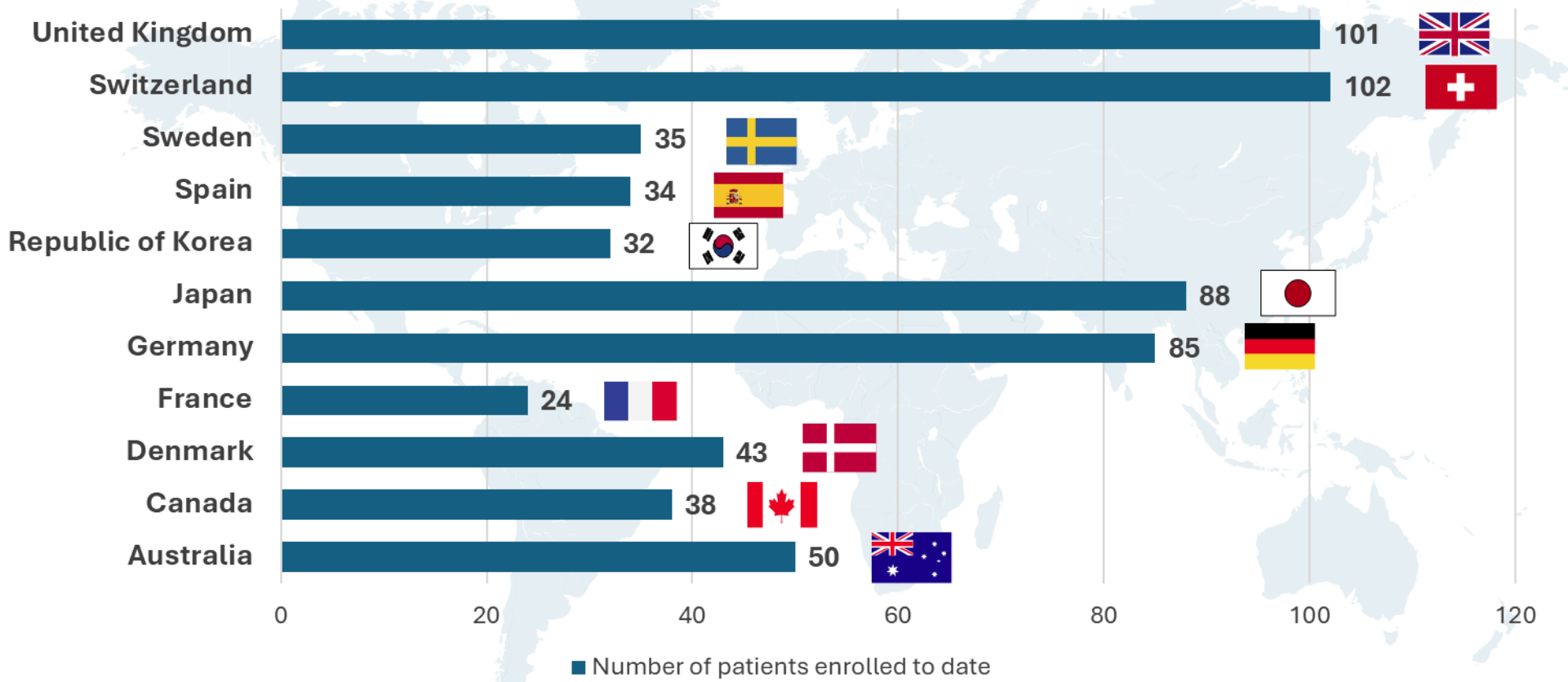


United Kingdom



# Enrollment overview

 To date, **632** out of **1200 (53%)** planned patients have been enrolled in the **treatment-naïve nAMD** cohort





## Enrollment overview

**Early outcomes in the first ~100 patients  
with treatment-naïve nAMD  
who had a visit and VA assessment at Week 8**



# Baseline characteristics: Treatment-naïve nAMD

Interim analysis of patients with a VA assessment at Week 8<sup>a</sup>

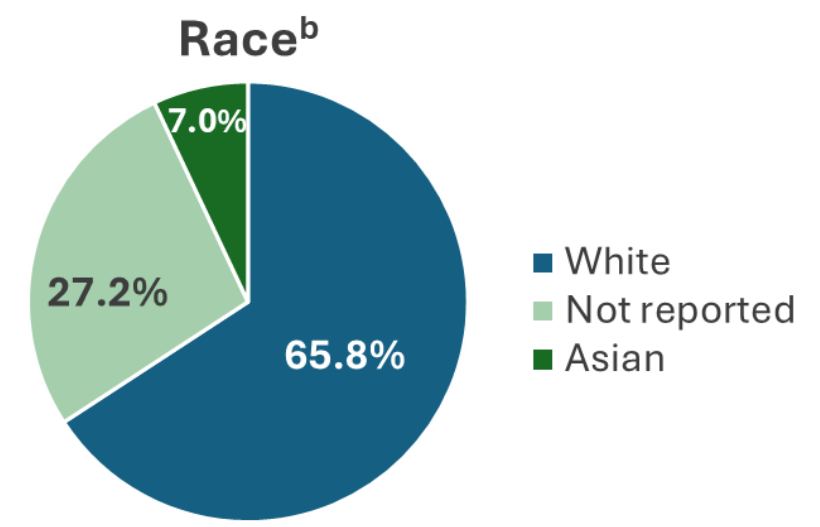
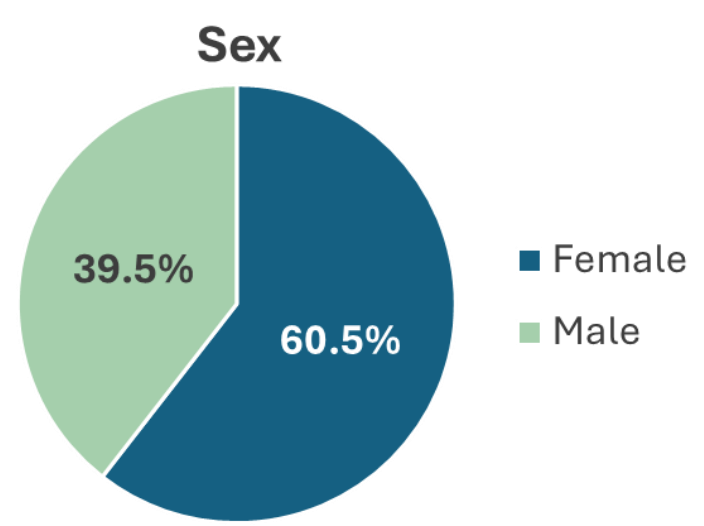
**Total:** 114 patients

**Mean age:** 80.8 ± 7.1 years

**Median (min, max) time from nAMD diagnosis:** 0.2 (0.0, 21.9) months

**Baseline VA:** 60.1 ± 17.4 ETDRS letters

**Baseline CRT:** 358 ± 110 µm



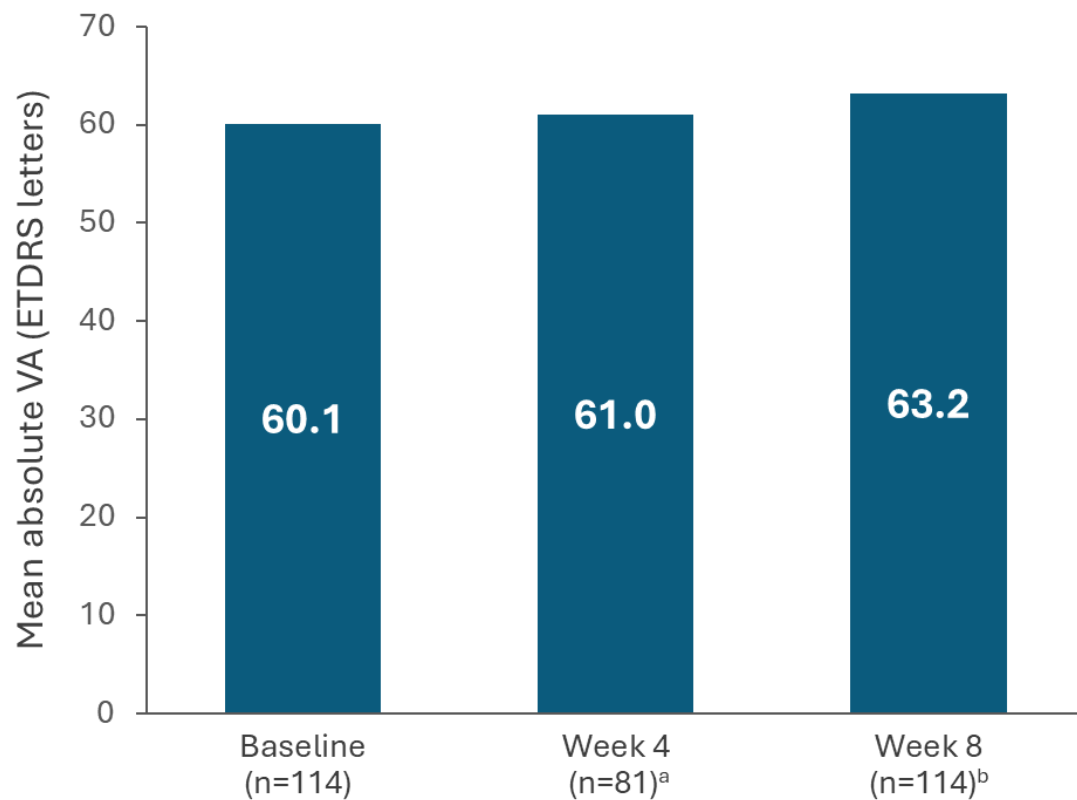
FAS. Percentages may not add up to 100 due to rounding.

<sup>a</sup>Data are mean ± SD unless otherwise indicated. <sup>b</sup>Data on race were collected for Australia, Canada, Germany, Italy, Japan, Portugal, South Korea, Saudi Arabia, Spain, Switzerland, United Arab Emirates, and the UK only. ETDRS, Early Treatment Diabetic Retinopathy Study; FAS, full analysis set; UK, United Kingdom.

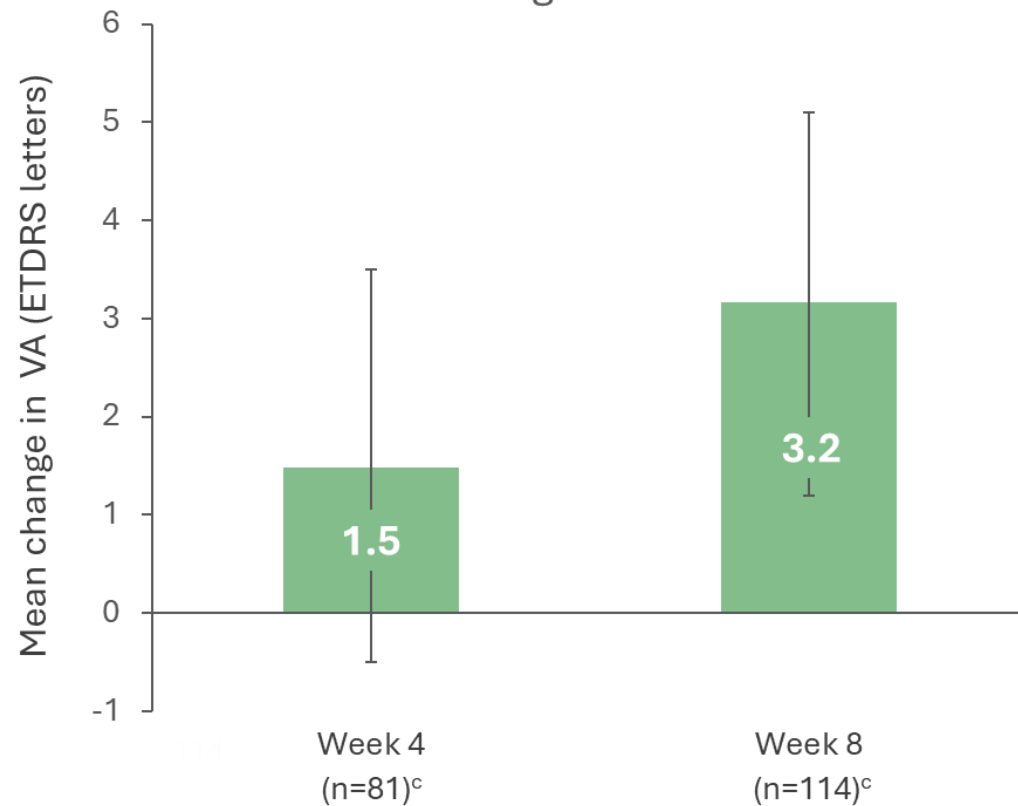


# VA through Week 8

Mean absolute VA through Week 8



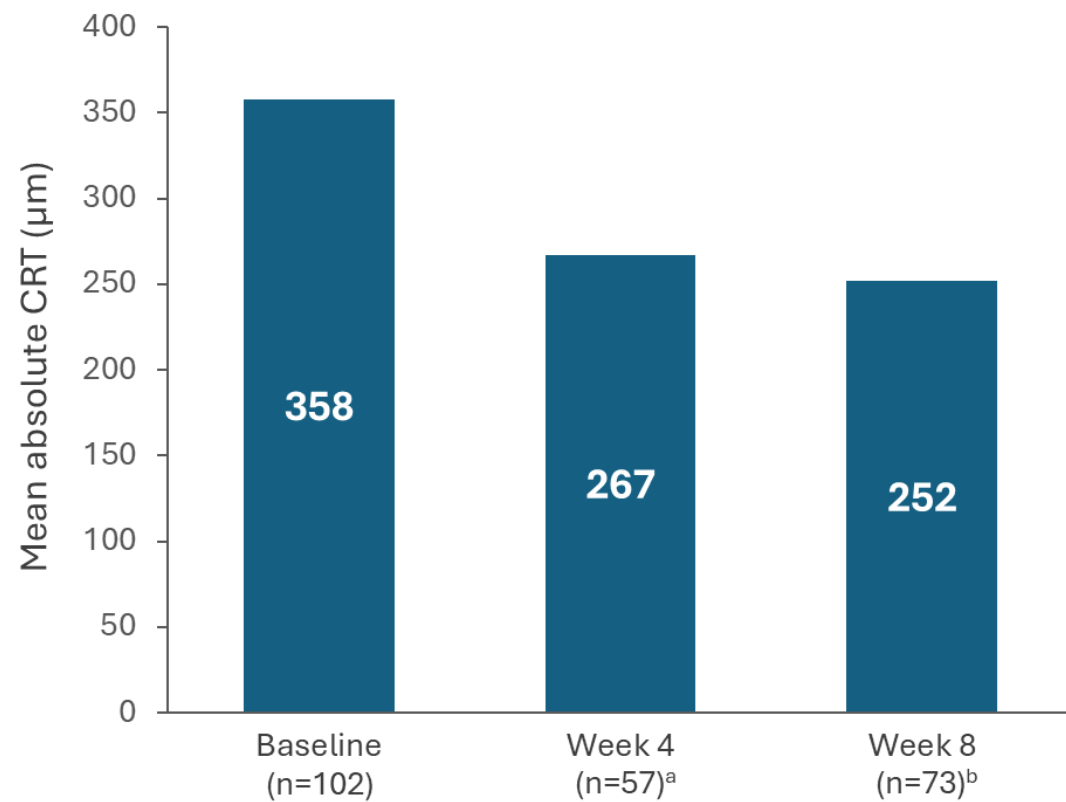
Mean change in VA from BL



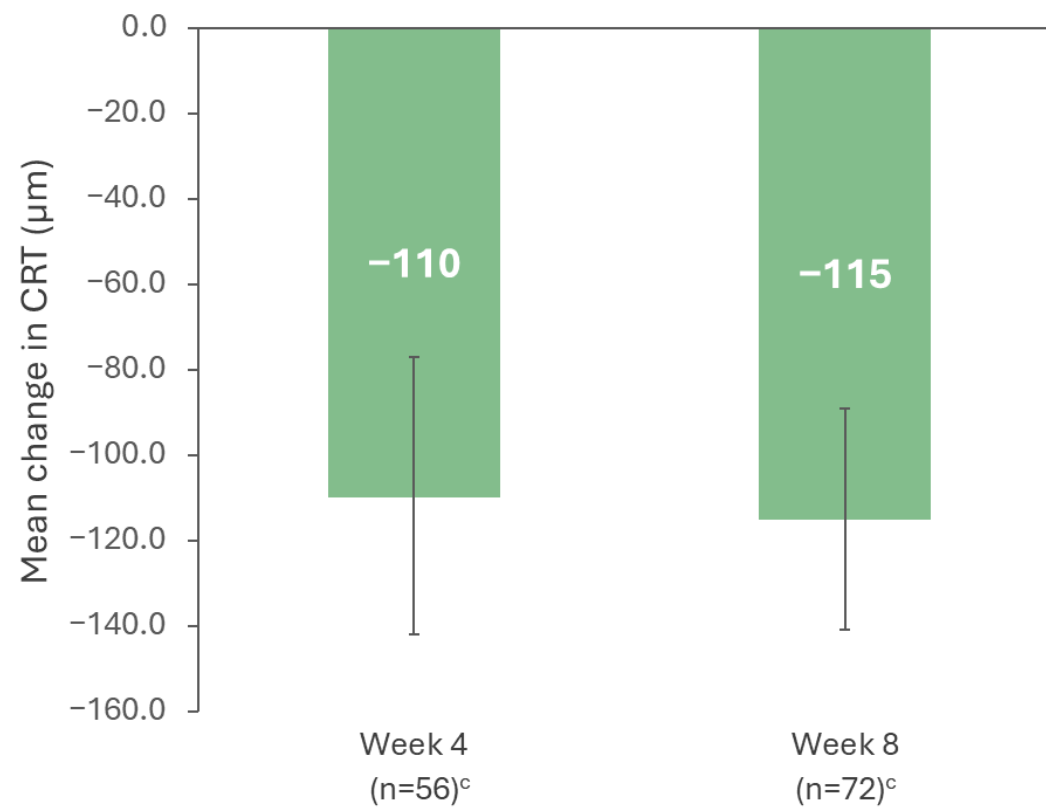
FAS, OC. Values have been rounded to the nearest decimal point. <sup>a</sup>Patients with a VA assessment at BL and Week 4. <sup>b</sup>Patients with a VA assessment at BL and Week 8. <sup>c</sup>Mean VA change at Week 4 and Week 8 from BL was calculated in patients with a VA assessment at Week 4 and Week 8, respectively; error bars are 95% CI. CI, confidence intervals; OC, observed cases.

# CRT through Week 8

Mean absolute CRT through Week 8



Mean change in CRT from BL

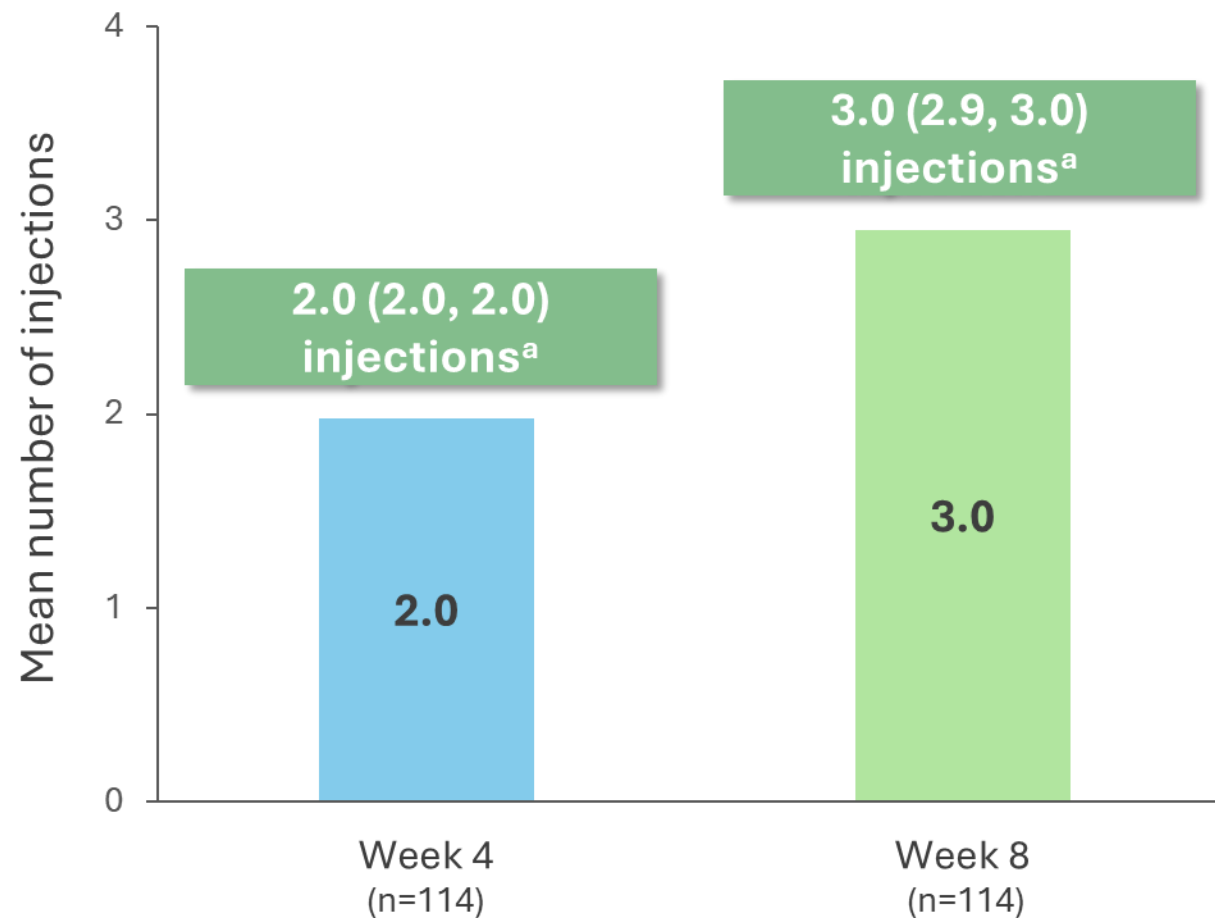


FAS, OC. Values have been rounded to the nearest decimal point. <sup>a</sup>Patients with a CRT assessment at BL and Week 4. <sup>b</sup>Patients with a CRT assessment at BL and Week 8. <sup>c</sup>Mean CRT change at Week 4 and Week 8 from BL was calculated in patients with a CRT assessment at Week 4 and Week 8, respectively; error bars are 95% CI.





# Mean number of aflibercept 8 mg injections in the study eye through Week 8





# Safety overview

	Total (N=114)
<b>Ocular TEAEs in the study eye, n (%)</b>	<b>3 (2.6)</b>
Conjunctival hemorrhage	1 (0.9)
Vitreous floaters	1 (0.9)
Not yet coded	1 (0.9)
<b>Non-ocular TEAEs, n (%)</b>	<b>5 (4.4)</b>
Nasopharyngitis	1 (0.9)
Chronic kidney disease	1 (0.9)
Cough	1 (0.9)
Hypertension	3 (2.6)



No serious ocular or non-ocular TEAEs were reported



# Early Findings From SPECTRUM Support the Real-World Effectiveness and Safety of Aflibercept 8 mg in the Treatment of Treatment-Naïve nAMD



**2149/4035** patients enrolled in SPECTRUM across **16 countries** to date



**632/1200** patients enrolled in the **treatment-naïve nAMD cohort** across **11 countries** to date



## Early clinical outcomes at Week 8

- Improved VA (+3.2 ETDRS letters)
- Reduction in CRT (–115 µm)



## Safety outcomes at Week 8

- No new safety signals identified
- No cases of IOI or serious ocular TEAEs



As the **first global real-world study of aflibercept 8 mg**, early findings from SPECTRUM will help **inform clinical management** of treatment-naïve nAMD in patients receiving aflibercept 8 mg

**Month 6 data** will be presented in **2025**, with Month 12 and Month 24 analyses on track