

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

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### Disclosures

- Clare Bailey: Received honoraria from Alimera Sciences, Apellis, Bayer, and Roche; and has served on advisory boards for Apellis, Bayer, Boehringer Ingelheim, Janssen, and Roche
- VK: Receives honoraria from AbbVie, Bayer, Novartis, and Roche. CL: Receives honoraria from Apellis, Bayer, Biogen, and Novartis. MRM: Consultant for AbbVie, Alcon, Alimera, Allergan, Amgen, Apellis Pharmaceuticals, Astellas, Aviceda Therapeutics, Bayer, Boehringer Ingelheim, Dandelione, Eyegnos Consulting, EyePoint Pharmaceuticals, Evolve Medical Education, GenSight Biologics, Isarna Therapeutics, Iveric Bio, Kubota, LumiThera, Novartis, Oculis, OD-OS, ONL Therapeutics, OcuTerra Therapeutics, RetinAl, Roche, UBS analytics, and Zeiss. PL: Consultant for Aerie Pharmaceuticals, Allergan, Annexon, Apellis, Bausch + Lomb, Bayer, Biogen, Boehringer Ingelheim, EyePoint, Genentech, I-Care, Novartis, Ocular Therapeutix, Outlook Therapeutics, and Roche. VC: Consulting fees from EyePoint Pharmaceuticals; receives grants from Bayer, Novartis, and Roche; and serves on advisory boards for Apellis, Bayer, Boehringer Ingelheim, EyePoint Pharmaceuticals, Novartis, and Roche. HO: Consultant for AbbVie, Bayer, Novartis, and Roche. TM: Employee of Bayer AG. HA, ZH, and XZ: Employees of Bayer Consumer Care AG
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## SPECTRUM: Global real-world study of aflibercept 8 mg

#### A24-month, 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

Patient enrollment to date:

1123/1200 in the TN nAMD cohort and 3463 overall

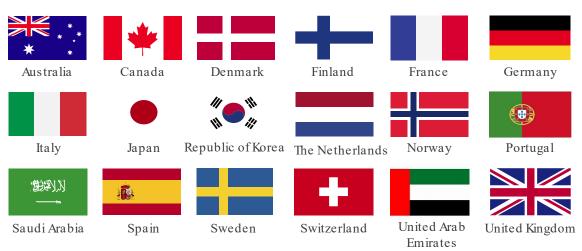
Secondary endpoints include:



Change in VA and CRT from BL to Month 6



Number of injections and visits, and safety through Month 6



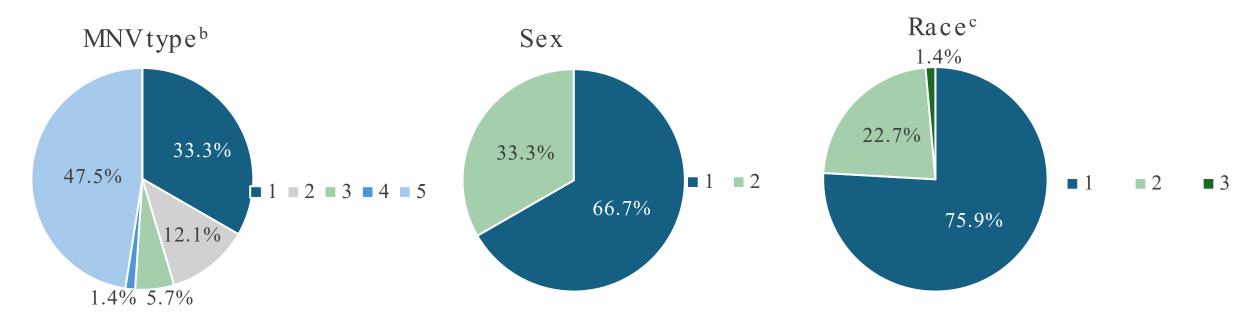




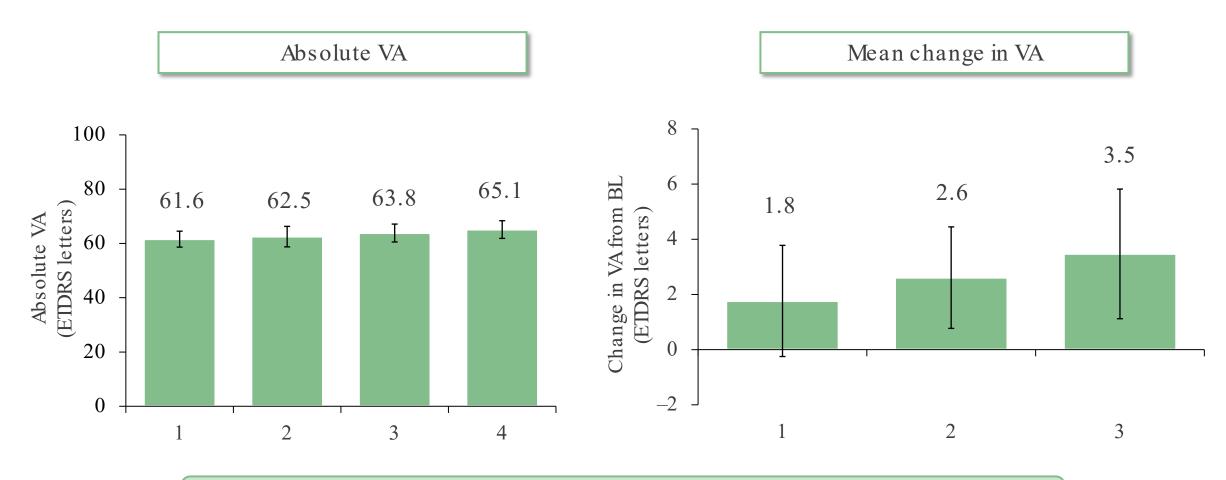
# Baseline characteristics: Treatment-naïve nAMD

#### Month 6 analysis of the first ~150 patients enrolleda

FAS, n	141
Age (years)	80.8±6.9
Median (min, max) time from nAMD diagnosis (months)	0.1 (0.0, 21.9)
Baseline VA (ETDRS letters)	61.6±17.6
Baseline CRT(μm)	365±129







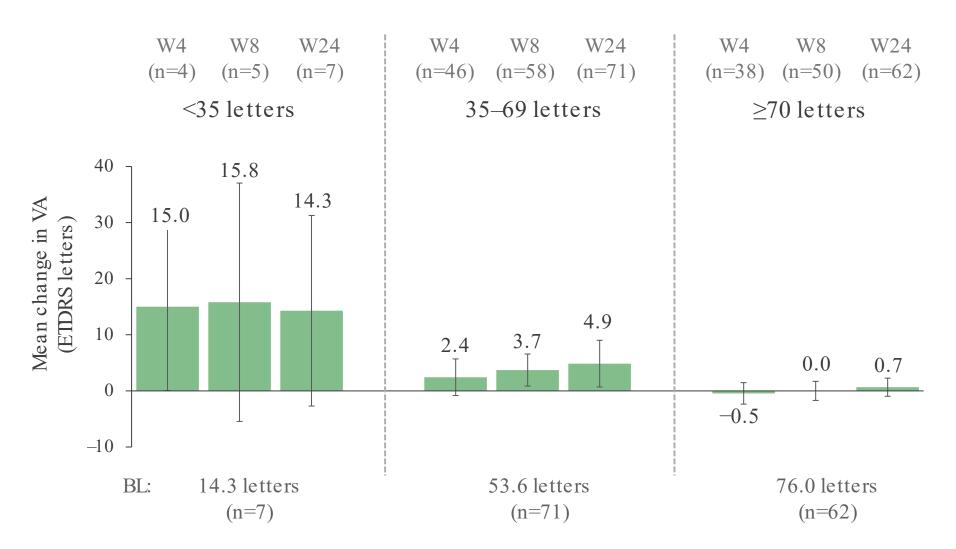
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Patients received a mean of 4.7 injections up to Day 210 from baseline



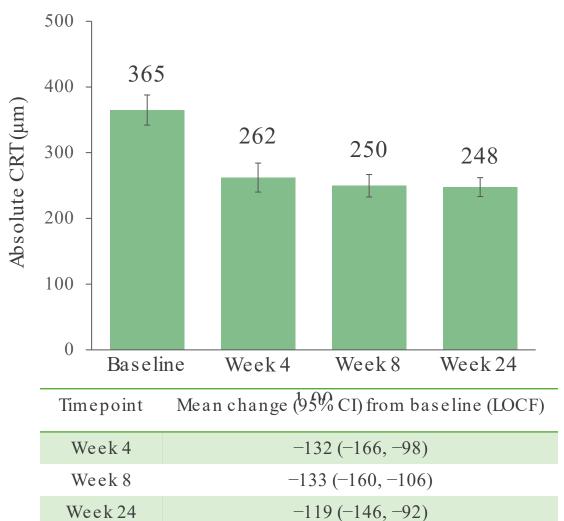


### Mean change in VAthrough Month 6 grouped by baseline VA

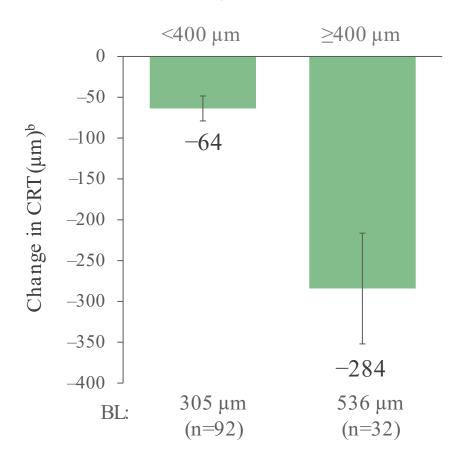




# CRTthrough Month 6

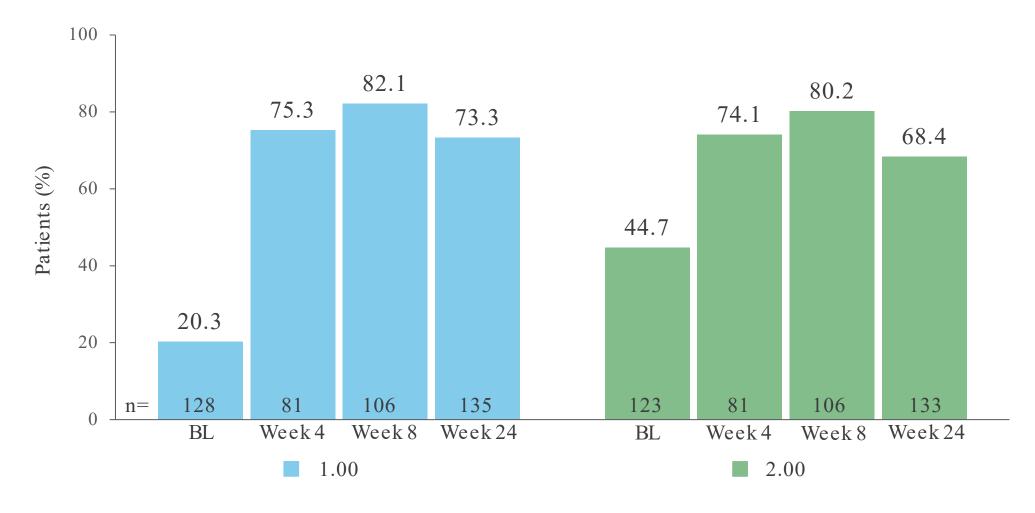


# Mean change in CRT at Month 6 grouped by baseline CRT<sup>a</sup>





# Proportion of patients without SRF or IRF through Month 6<sup>a</sup>





Ocular TEAEs	Total (N=150)
Any ocular TEAEs in the study eye, an (%)	11 (7.3)
Any serious ocular TEAEs	2 (1.3)
Non-ocular TEAEs	Total (N=150)
Any non-ocular TEAEs, n (%)	9 (6.0)
Any serious non-ocular TEAEs	3 (2.0)



# Month 6 results from SPECTRUM support the real-world effectiveness and safety of aflibercept 8 mg in patients with treatment-naïve nAMD



More than 3400 patients enrolled in SPECTRUM across all 18 countries to date



More than 1100 patients enrolled in the treatment-naïve nAMD cohort across 14 countries to date



Clinical and safety outcomes at Month 6

- Improved VA(+3.5 ETDRS letters) and improved CRT(-119 μm)
- Substantial improvements in IRF and SRF
  - No new safety signals



#### Treatment exposure

- Results achieved with a mean of
  4.7 injections up to Day 210 from BL
- Consistent with extending dosing intervals maintained through Week 48 in PULSAR<sup>1</sup>



As the first global real-world study of a flibercept 8 mg, Month 6 results from SPECTRUM will help to inform clinical management of treatment-naïve nAMD in patients receiving a flibercept 8 mg

Month 12 and Month 24 analyses are on track