

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

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SPECTRUM: Global real-world study of aflibercept 8 mg

A 24-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

Secondary endpoints include:

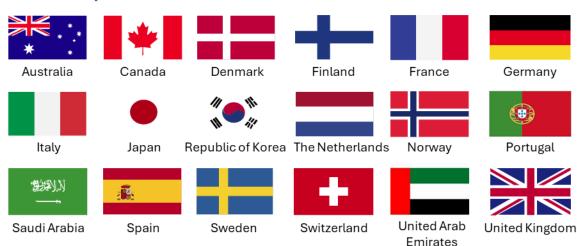


Change in VA and CRT from BL to Month 6



Number of injections, visits, and safety from BL to Month 6







SPECTRUM inclusion criteria



Population

nAMD cohorts

Aged ≥50 years

DME cohorts

Aged ≥18 years with type 1 or type 2 diabetes mellitus



Diagnosis

A diagnosis of nAMD

A diagnosis of DME



Treatment

Patients across all cohorts had to have been prescribed aflibercept 8 mg as part of routine clinical practice

All patients were categorized as being either:

Treatment-naïve

Never been exposed to any medical treatment for nAMD/DME

Previously treated

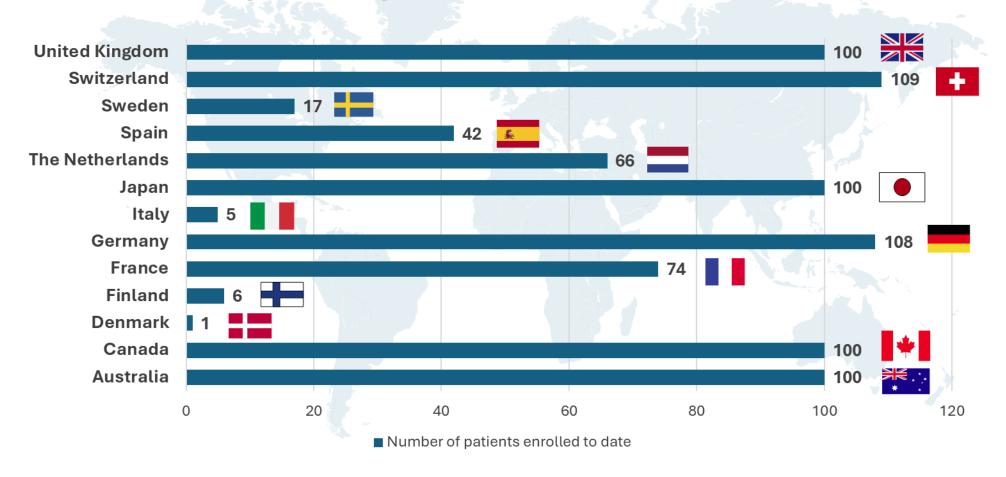
Received prior treatment, including other anti-VEGFs, up to prespecified timepoints before study start



Miniment overview



To date, **828** out of **1110 (75%)** planned patients have been enrolled in the **previously treated nAMD** cohort (as of April 17, 2025)





Early outcomes in the first ~100 patients with previously treated nAMD who had a visit and VA assessment at Week 4





Baseline characteristics: Previously treated nAMD

Analysis of patients with a VA assessment at Week 4^a

Total: 110 patients

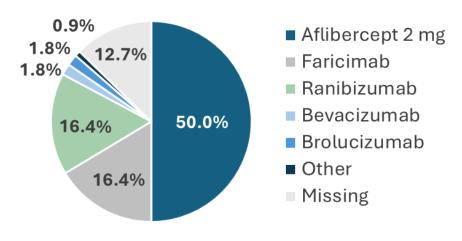
Mean age: 80.2 ± 8.1 years

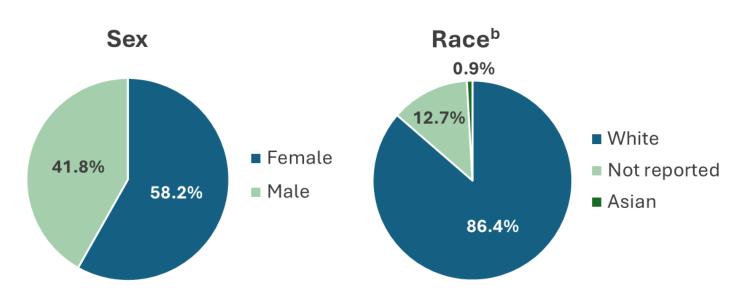
Median (min, max) time from nAMD diagnosis: 31.5 (1.3, 178.7) months

Mean baseline VA: 62.6 ± 19.3 ETDRS letters

Mean baseline CRT: 321 ± 102 μm

Previous nAMD medication

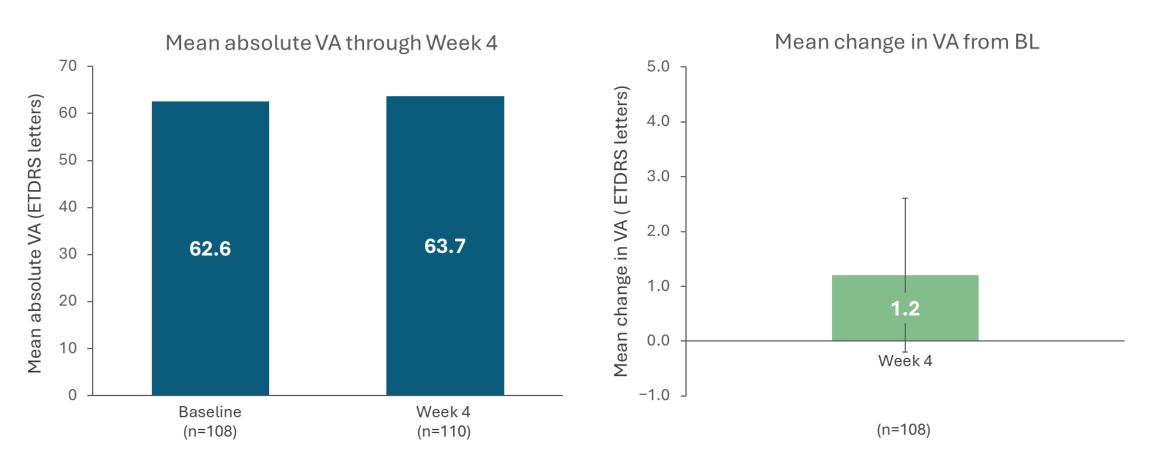




FAS. Percentages may not add up to 100 due to rounding.



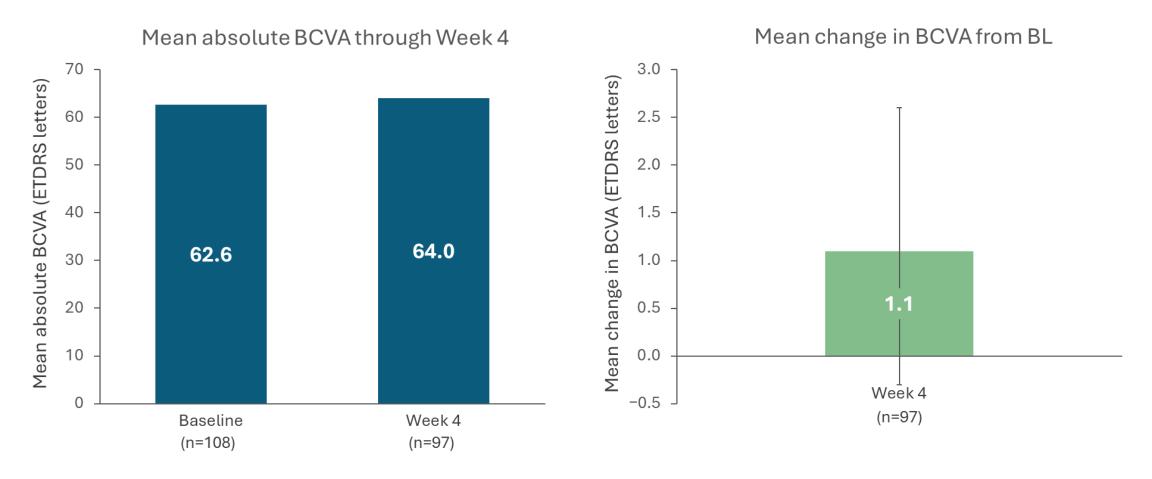
Key endpoint: VA through Week 4





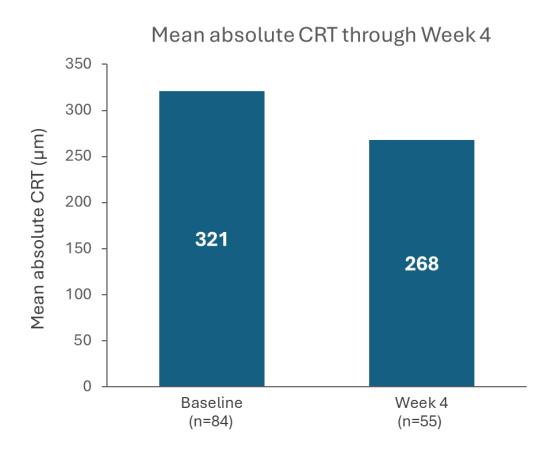


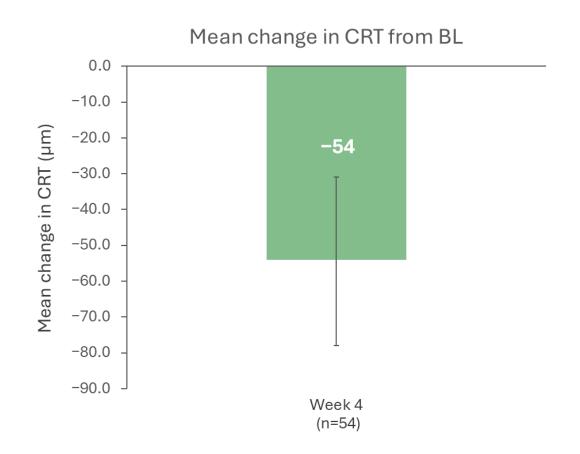
Sensitivity analysis: BCVA through Week 4





CRT through Week 4







Ocular safety in the study eye	Total (N=110)
Ocular TEAEs, n (%)	6 (5.5)
Serious ocular TEAEs, n (%)	1 (0.9)



No non-ocular TEAEs were reported



Early outcomes in the first ~100 patients with previously treated nAMD who had a visit and VA assessment at Week 8





R Baseline characteristics: Previously treated nAMD

Analysis of patients with a VA assessment at Week 8^a

Total: 104 patients

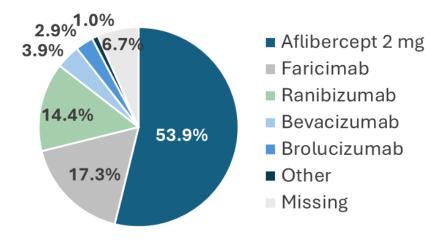
Mean age: 79.5 ± 7.3 years

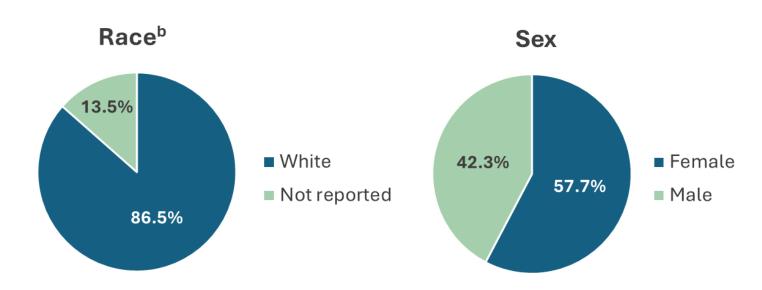
Median (min, max) time from nAMD diagnosis: 36.9 (1.4, 178.9) months

Mean baseline VA: 61.6 ± 19.4 ETDRS letters

Mean baseline CRT: 316 ± 102 μm

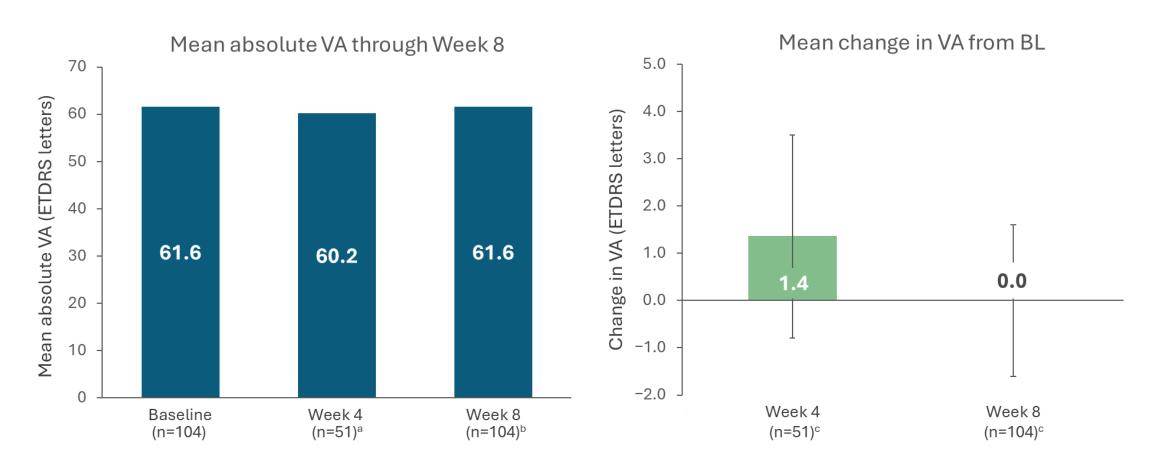
Previous nAMD medication





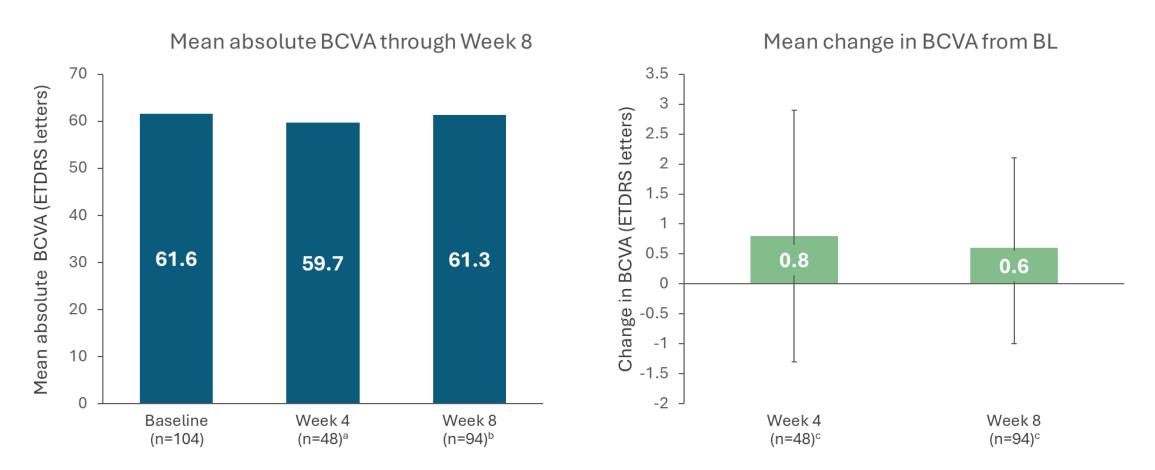


Key endpoint: VA through Week 8





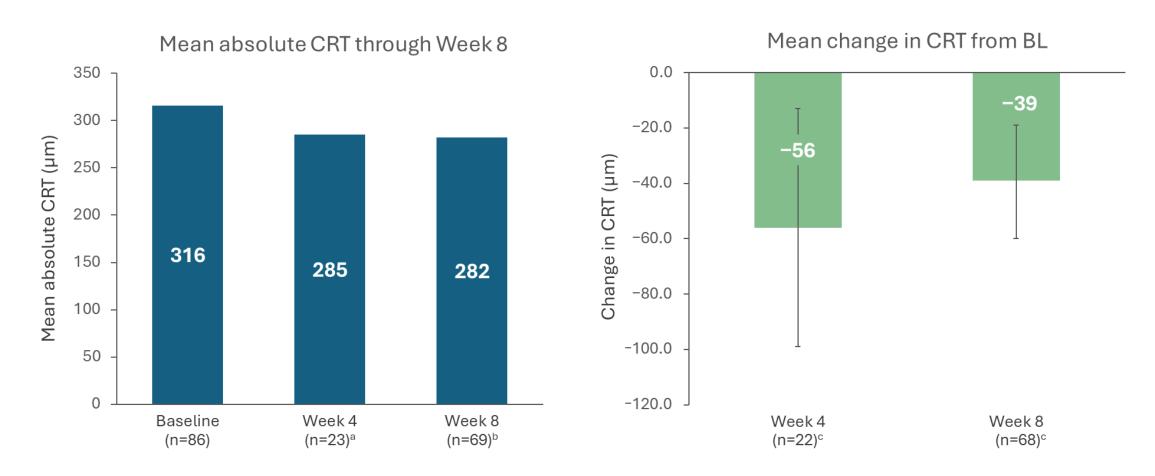




FAS, OC. Values have been rounded to the nearest decimal point. Error bars are 95% CI. This analysis was based on patients with a BCVA assessment at Week 8. aPatients with a BCVA assessment at BL and Week 4. and Week 8 from BL was calculated in 48 and 94 patients with a BCVA assessment at Week 4 and Week 8, respectively.



CRT through Week 8



FAS, OC. Values have been rounded to the nearest decimal point. Error bars are 95% CI. ^aPatients with a CRT assessment at BL and Week 4. ^bPatients with a CRT assessment at BL and Week 8. ^cMean CRT change at Week 4 and Week 8 from BL was calculated in 22 and 68 patients with a CRT assessment at Week 4 and Week 8, respectively.



Total (N=104)
4 (3.9)
0



No non-ocular TEAEs were reported



Early findings from SPECTRUM support the real-world effectiveness and safety of aflibercept 8 mg in the treatment of previously treated nAMD



More than **2000** patients enrolled in SPECTRUM across **17 countries** to date



More than 800 patients enrolled in the previously treated nAMD cohort across 13 countries to date



Early clinical outcomes at Week 4/Week 8

 Stable VA and BCVA and reduced CRT following switch to aflibercept 8 mg



Safety outcomes at Week 4/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 previously treated nAMD in patients receiving aflibercept 8 mg

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

IOI, intraocular inflammation.