

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: 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

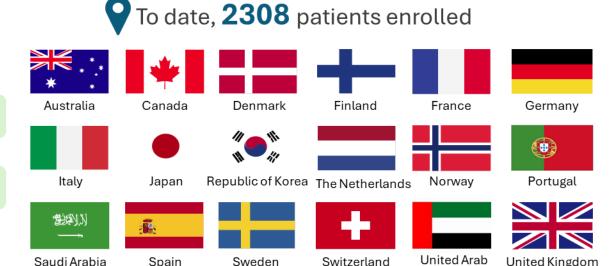
Secondary endpoints include:



Change in VA and CRT from BL to Month 6



Number of injections and visits, and safety through Month 6



Switzerland

Emirates

Sweden

Spain

United Kingdom



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

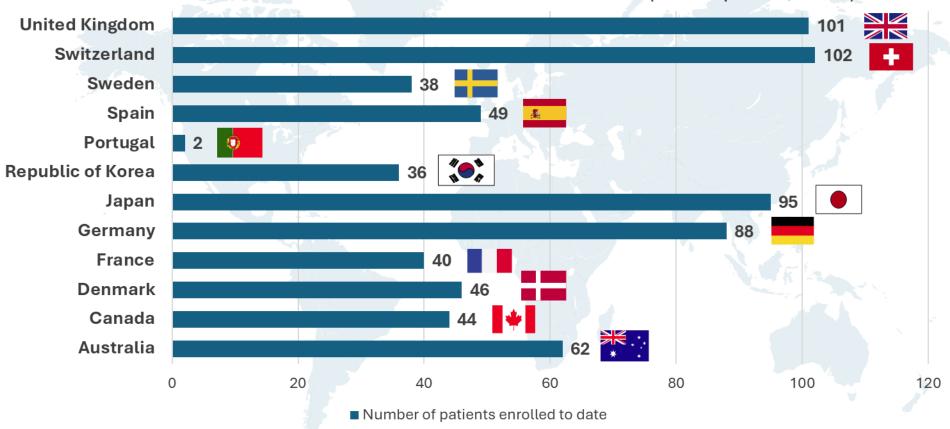
Previously treated

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



M Enrollment overview

To date, **703** out of **1200 (59%)** planned patients have been enrolled in the **treatment-naïve nAMD** cohort (as of April 17, 2025)





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





Baseline characteristics: Treatment-naïve nAMD

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

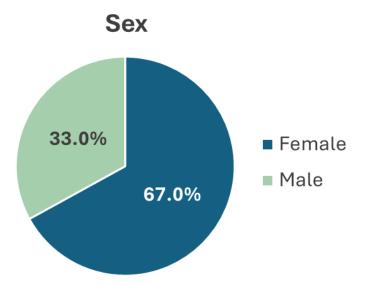
Total: 100 patients

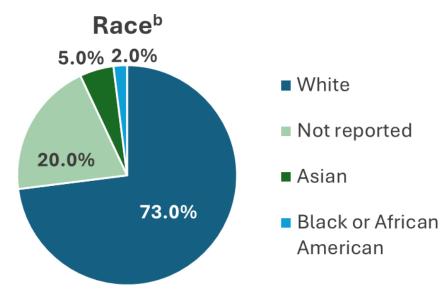
Mean age: 79.7 ± 6.6 years

Median (min, max) time from nAMD diagnosis: 0.1 (0.0, 21.9) months

Mean baseline VA: 60.2 ± 17.4 ETDRS letters

Mean baseline CRT: 374 ± 124 μm



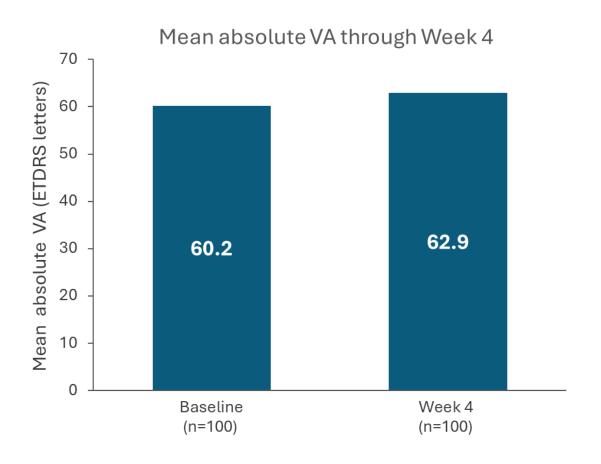


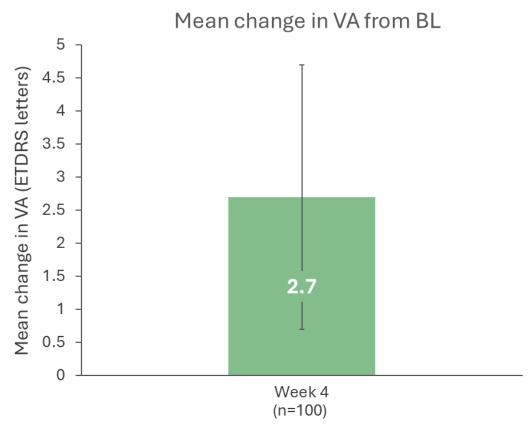
FAS. Percentages may not add up to 100 due to rounding.





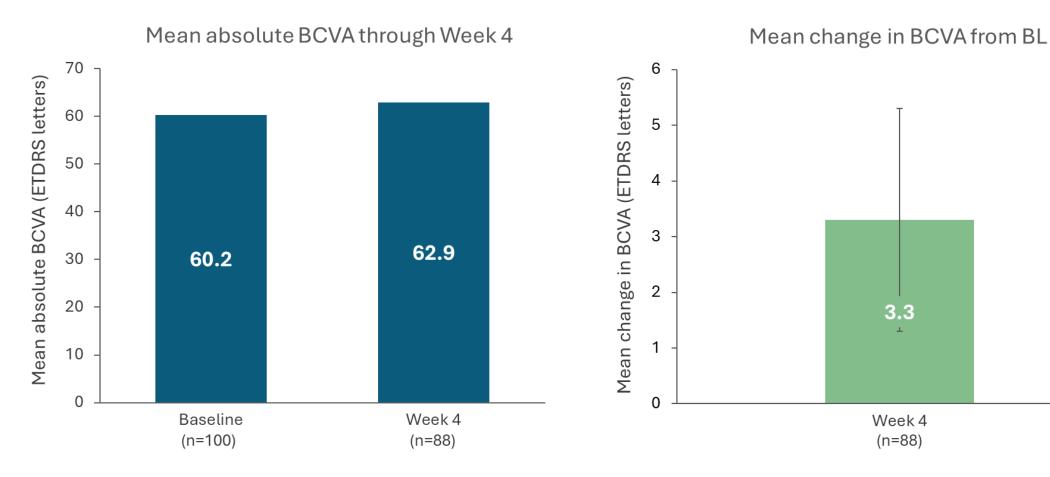
Key endpoint: VA through Week 4





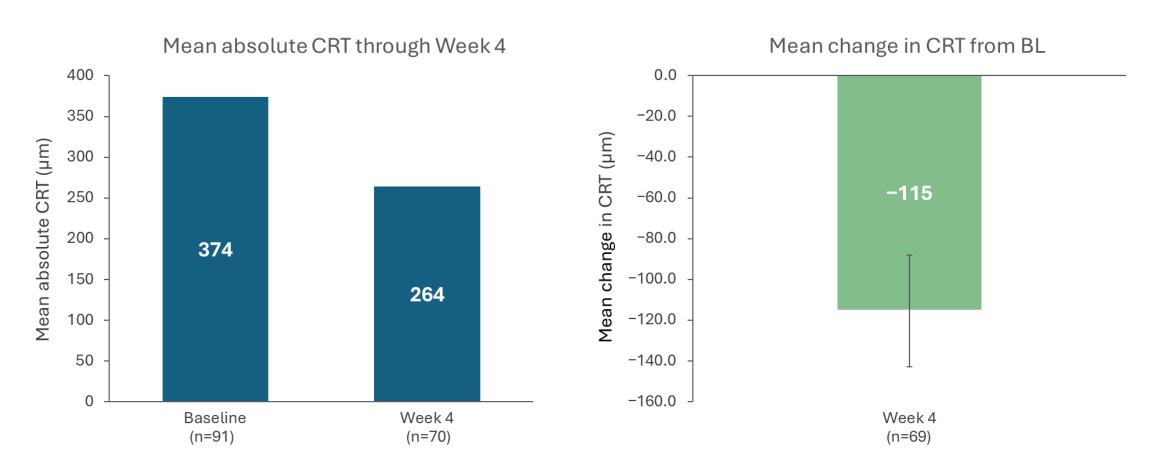


Sensitivity analysis: BCVA through Week 4





CRT through Week 4





Safety overview: Adverse events

	Total (N=100)
Ocular TEAEs in the study eye, n (%)	3 (3.0)
Non-ocular TEAEs, n (%)	1 (1.0)



No serious ocular or 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: Treatment-naïve nAMD

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

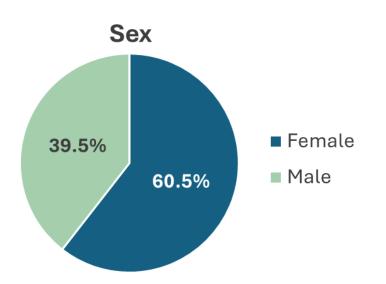
Total: 114 patients

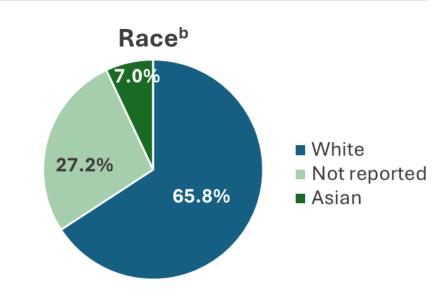
Mean age: 80.8 ± 7.1 years

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

Baseline VA: 60.1 ± 17.4 ETDRS letters

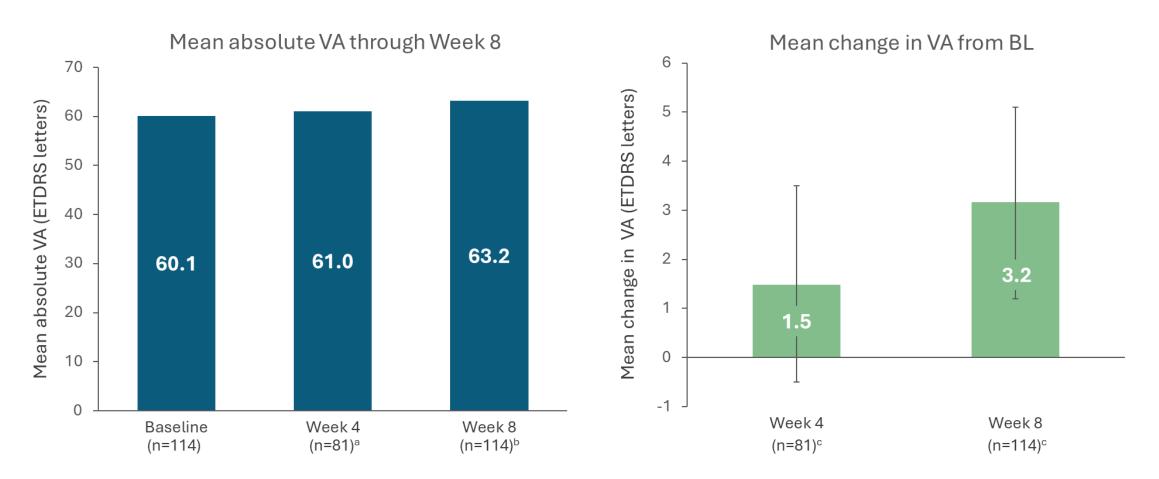
Baseline CRT: 358 ± 110 µm





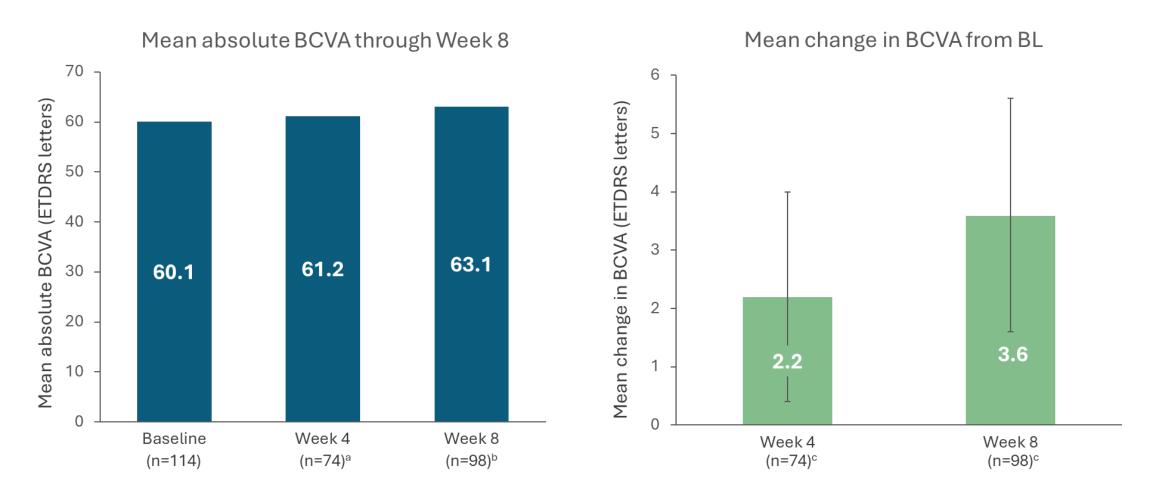


Rey endpoint: VA through Week 8





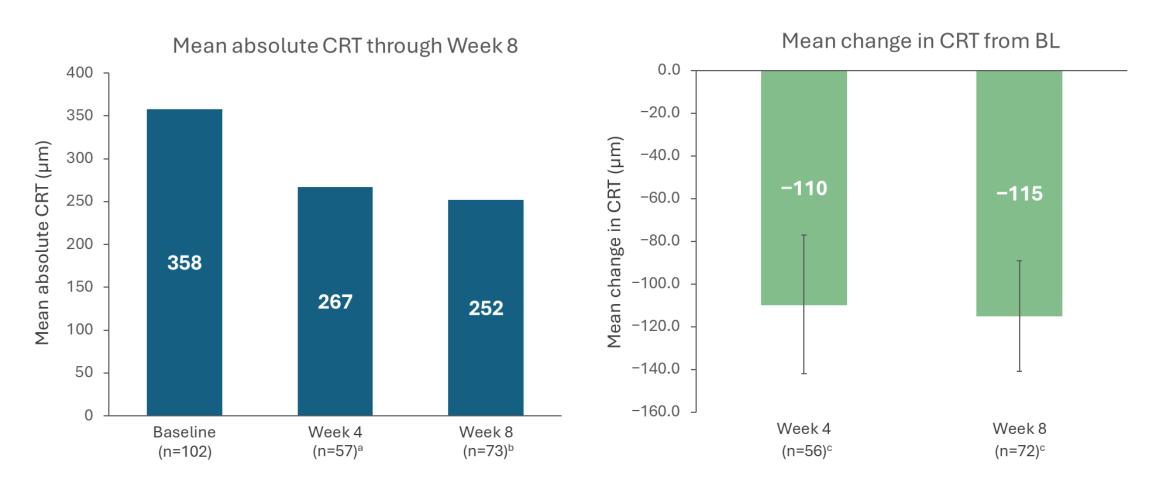
Sensitivity analysis: BCVA through Week 8



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 8. Mean BCVA change at Week 4 and Week 8 from BL was calculated in 74 and 98 patients with a BCVA assessment at Week 4 and Week 8, respectively.



CRT through Week 8







	Total (N=114)
Ocular TEAEs in the study eye, n (%)	3 (2.6)
Non-ocular TEAEs, n (%)	5 (4.4)



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



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



More than **700** patients enrolled in the **treatment-naive nAMD cohort** across **12 countries** to date



Early clinical outcomes at Week 4/Week 8

 Improved VA through Week 4 and Week 8 (+2.7 and +3.2 ETDRS letters, respectively), improved BCVA, and reduced CRT



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 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

IOI, intraocular inflammation.