

Safety and Tolerability of CLS-AX via Suprachoroidal Injection in nAMD Patients with Persistent Activity Following Anti-VEGF Therapy

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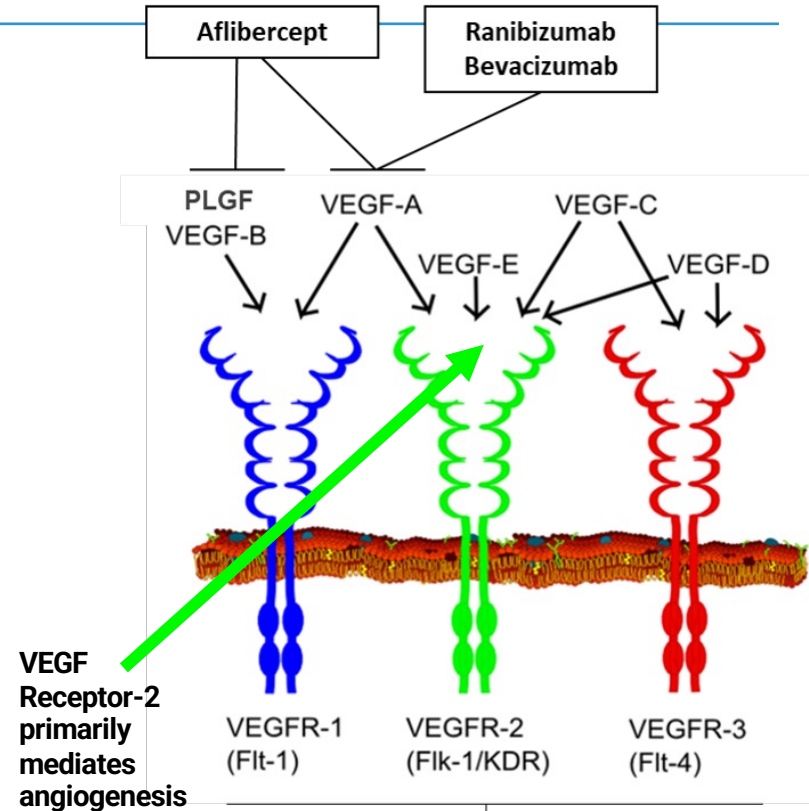
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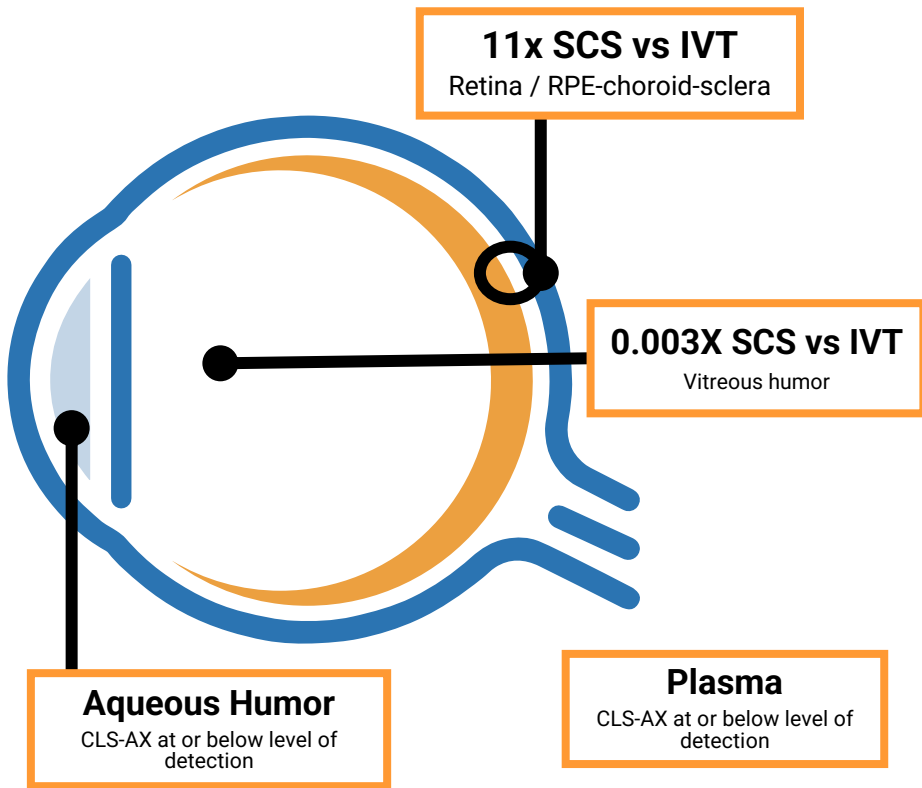
CLS-AX Delivered with Proprietary Microinjector for Wet AMD



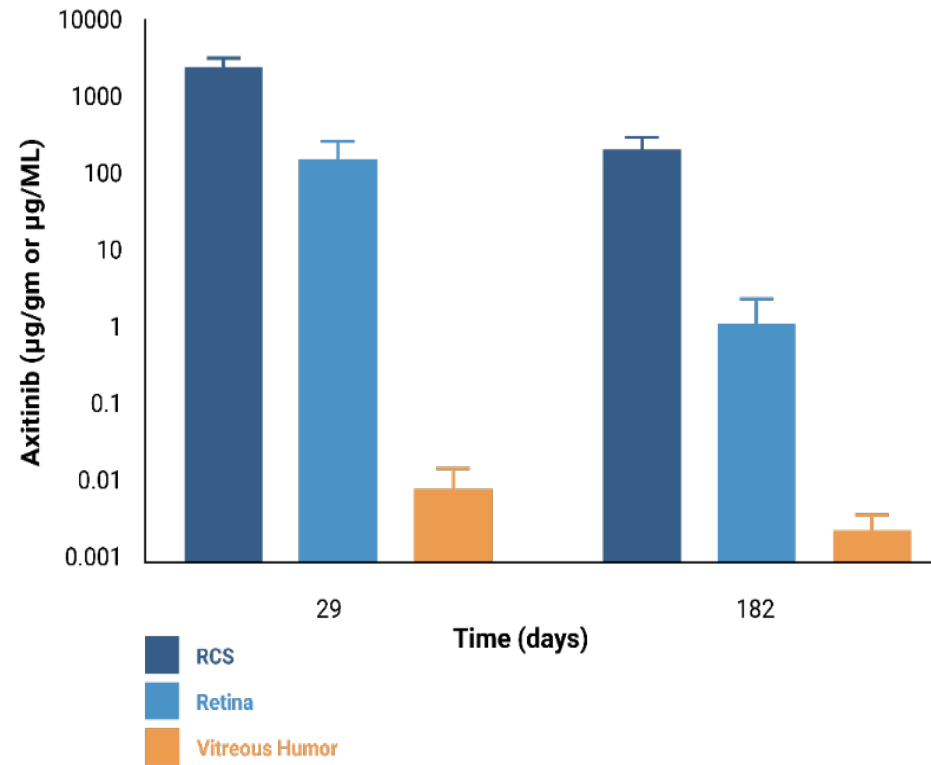
Axitinib: a Highly Potent, Pan-VEGF TKI to Treat Wet AMD

- ✓ Inhibits **VEGFR-1**, **VEGFR-2**, **VEGFR-3** receptors
 - More active than anti-VEGF-A in *in-vitro* angiogenesis model¹⁻²
- ✓ Highly potent tyrosine kinase inhibitor (TKI)
 - >10x more potent than other TKIs in preclinical studies





Rabbit Model Values: area under the curve ratios, SCS / IVT
 SCS : 1 mg/eye, 100 μ L. | IVT: 1 mg/eye, 25 μ L
 Single bilateral injection, 1-wk rabbit PK studies

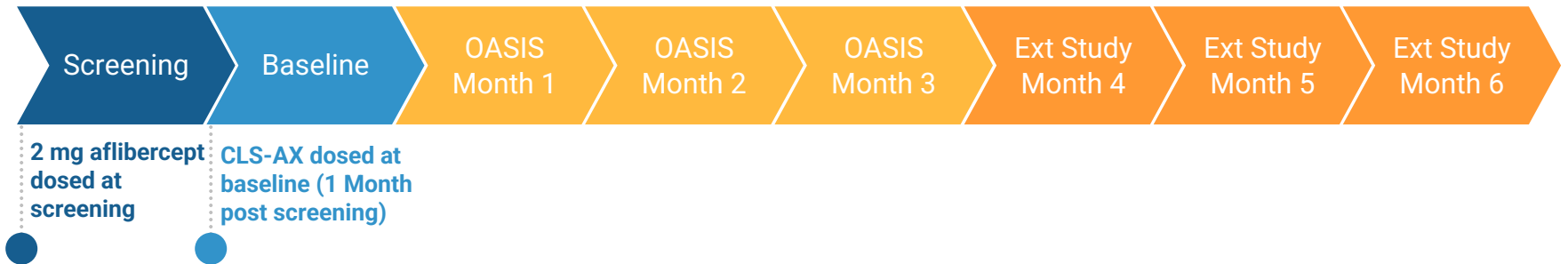


Rabbit toxicology study with single bilateral suprachoroidal injection of axitinib, 1.05 mg/eye (n=4 eyes/ timepoint)

OASIS and Extension Study

TRIAL DESIGN AND OBJECTIVES

- Open-label study with a primary endpoint to evaluate safety and tolerability
- Wet AMD patients with ≥ 2 anti-VEGF treatments in the prior 4 months
- Dose-escalation of CLS-AX
- Monthly assessment for additional treatment with aflibercept
- 6-Month follow-up after CLS-AX via a 3-month Extension Study



Note: aflibercept is dosed via intravitreal injection (IVT); CLS-AX is dosed via suprachoroidal injection | clinicaltrials.gov NCT# 04626128

Active Disease definition: Active subfoveal choroidal neovascularization (CNV) secondary to AMD in the study eye confirmed by an independent reading center as leakage from a subfoveal CNV on fluorescein angiography and intra-retinal or sub-retinal fluid on OCT central subfield)

OASIS and Subsequent Extension Study Enrolled Heavily anti-VEGF Treatment-Experienced Wet AMD Patients

Patients were sub-responders with active disease at screening confirmed by reading center

Wet AMD Disease Characteristics	COHORT 2: 0.10 mg	COHORT 3: 0.50 mg	COHORT 4: 1.0 mg	Total
No. of participants	2	7	5	14
Mean age (range), years	74.0 (70-78)	87.9 (81-97)	79.6 (74-83)	82.9 (70-97)
Mean baseline best corrected visual acuity (range), letters	60.0 (52-68)	59.0 (37-74)	71.2 (69-74)	63.5 (37-74)
Mean baseline central subfield retinal thickness (range), μm	213.5 (200-227)	201.9 (175-238)	214.8 (197-234)	208.1 (175-238)
Mean duration of wAMD diagnosis (range), months	44.30 (33.9-54.7)	67.29 (6.8-102.1)	36.42 (6.1-103.4)	52.98 (6.1-103.4)

CLS-AX Demonstrated a Positive Safety Profile in All Four Cohorts

OASIS & Extension Study Data (Through 6 Months)

SAFETY DATA

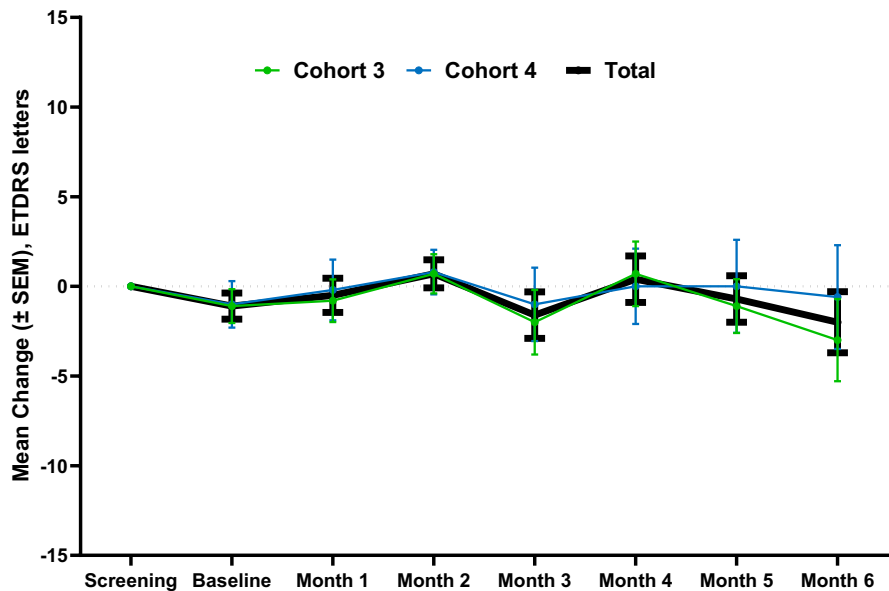
Excellent Safety Profile at all doses and timepoints

- No serious adverse events (SAEs)
- No treatment emergent adverse events (TEAEs) related to study treatment
- No dose limiting toxicities
- No adverse events related to inflammation, vasculitis or vascular occlusion
- No vitreous “floaters” or dispersion of CLS-AX into the vitreous
- No retinal detachment
- No endophthalmitis
- No adverse events related to intraocular pressure

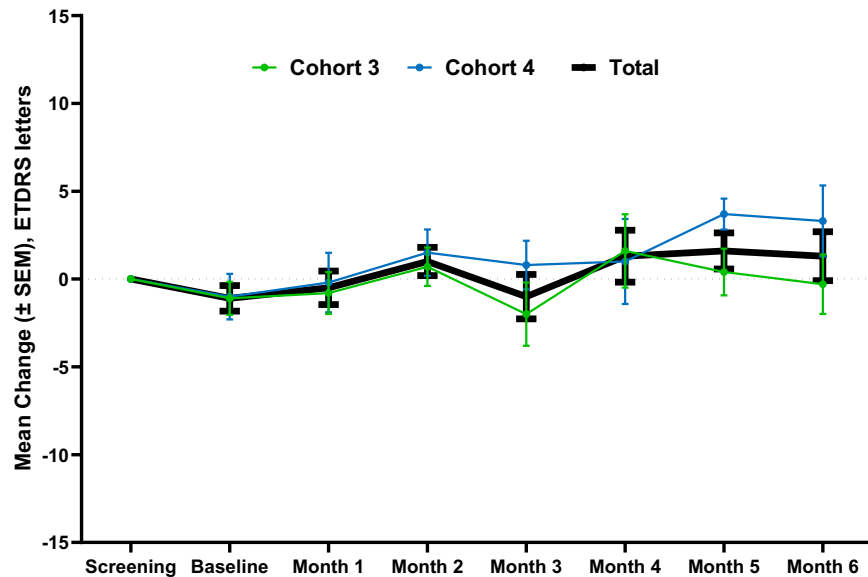
Extension Study: Stable Visual Acuity

Mean Best Corrected Visual Acuity Letter Score, Change from Screening

All Data

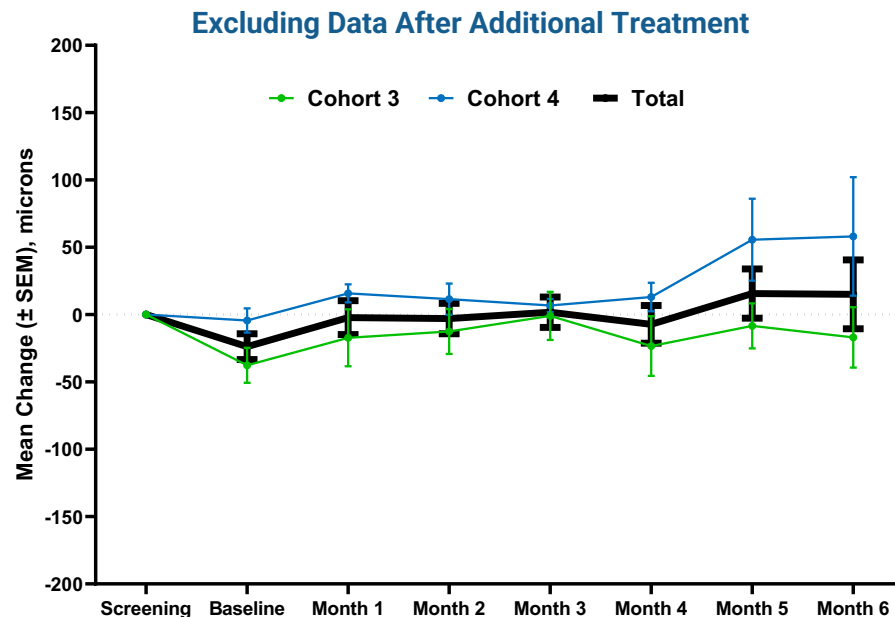
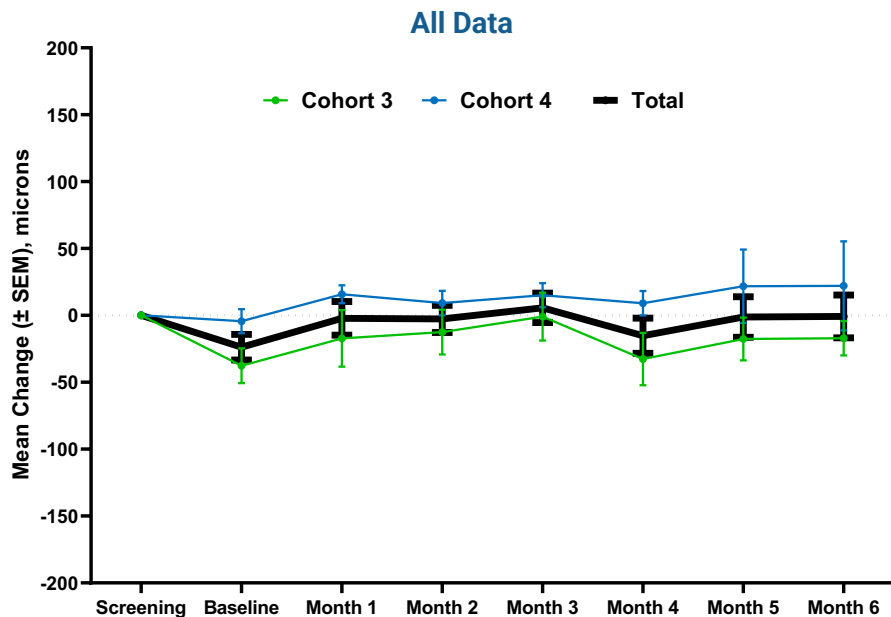


Excluding Data After Additional Treatment



Extension Study: Stable Central Subfield Thickness

Mean Central Subfield Thickness, Change from Screening



Extension Study: CLS-AX Treatment Across Cohorts

Observed Reduction in Injection Frequency All Therapies

Cohort	Number of Participants	Avg Monthly Injections Before CLS-AX Administration	Avg Monthly Injections After CLS-AX Administration	% Reduction
4	5	0.87	0.20	77.0
3	7	0.81	0.12	85.2
2	2	0.83	0.17	79.5

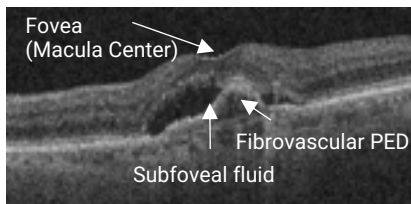
Observed Reduction in Injection Frequency Therapies Per Protocol Criteria

Cohort	Number of Participants	Avg Monthly Injections Before CLS-AX Administration	Avg Monthly Injections After CLS-AX Administration	% Reduction
4	4	0.83	0.13	84.3
3	7	0.81	0.12	85.2
2	1	0.67	0.17	74.6

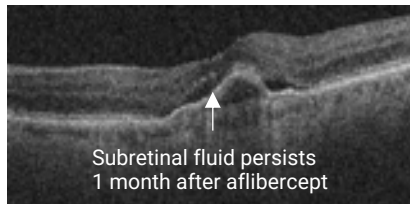
77 – 85% Reduction in Injection Frequency in Cohorts 3 and 4

6 Month Case Study: CLS-AX Demonstrated Biologic Effect in anti-VEGF Sub-responder

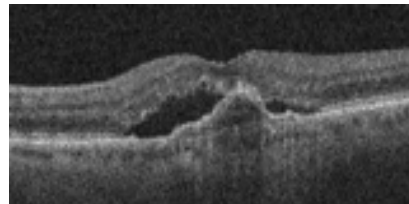
Cohort 3, Subject 2: 89 prior anti-VEGF injections with persistent subfoveal fluid 1 month after aflibercept at screen
Subretinal fluid gradually resolves through 4 months after CLS-AX with stable BCVA and improved CST



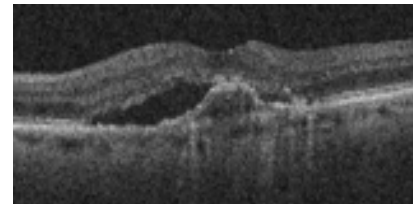
Screening: Aflibercept
BCVA 75, CST 265



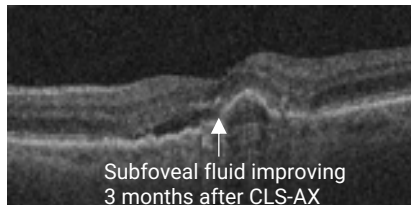
Baseline: CLS-AX
BCVA 73, CST 218



Month 1
BCVA 78, CST 277



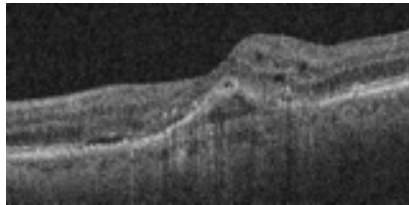
Month 2
BCVA 78, CST 253



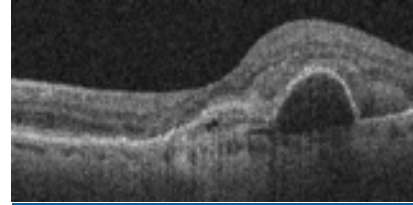
Month 3
BCVA 75, CST 221



Month 4
BCVA 74, CST 182



Month 5
BCVA 75, CST 223



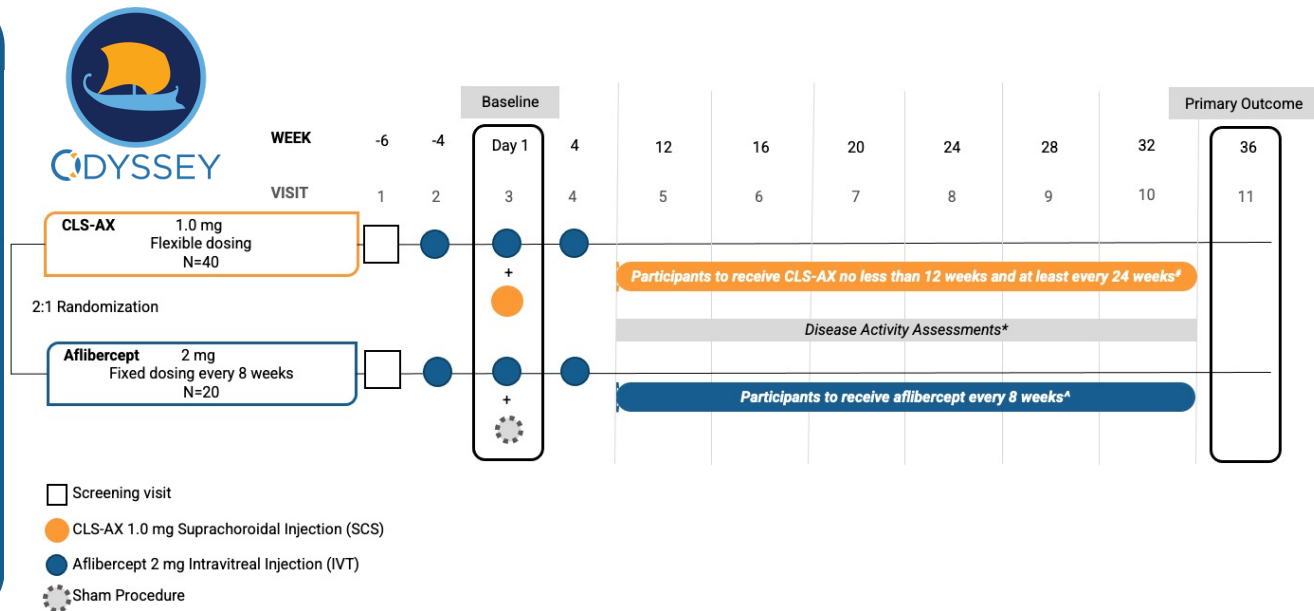
Month 6: Additional therapy administered
BCVA 60, CST 224

ODYSSEY Ph 2b Trial: Treatment Experienced nAMD Participants with Active Disease

Randomized, Double-Masked, Parallel-Group, Active-Controlled Multicenter Trial

Trial Objectives:

- **Primary outcome:** Mean change in BCVA from Baseline to Week 36; safety & tolerability
- **Secondary outcomes:**
 - Other changes in visual function and ocular anatomy, such as CST
 - Need for supplemental treatment
 - Treatment burden as measured by total injections over trial duration



* Disease Activity Assessments (DAA): Conducted at Week 12 through 32 to determine need for supplemental treatment.

In CLS-AX arm, following 3 loading doses of aflibercept and initial dose of CLS-AX at Baseline, participants will receive CLS-AX at least every 24 weeks unless more frequently required based on DAA;

if disease is active and participant is <12 weeks since last CLS-AX injection, participant receives dose of aflibercept;

if disease is active and participant is >12 weeks since last CLS-AX injection, participant receives dose of CLS-AX.

^ In aflibercept arm, following 3 loading doses of aflibercept, participants will receive aflibercept on fixed dosing regimen every 8 weeks unless more frequently required based on DAA;

if disease is active, participant receives dose of aflibercept.

CLS-AX administered via SCS Injection for nAMD was safe and well-tolerated

Key Takeaways

- CLS-AX had an excellent safety profile at all doses and timepoints, with no SAEs, no dose limiting toxicities, and AEs from inflammation
- CLS-AX exhibited early signs of durability and reduction in treatment burden
- CLS-AX is being evaluated in a Phase IIb clinical trial, ODYSSEY, for nAMD

Financial Disclosures

- Available upon request