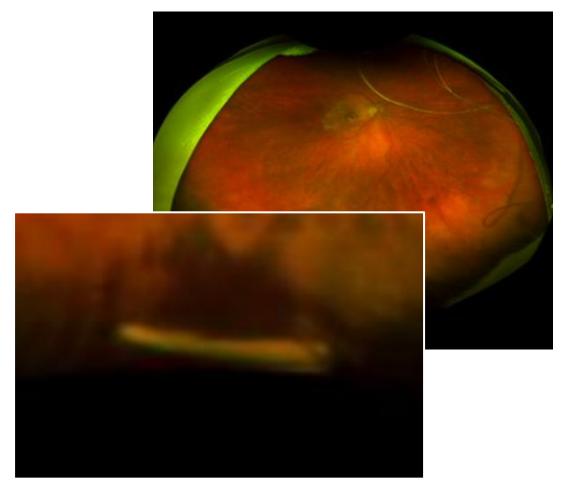
The DAVIO Trial: A Phase 1, Open-label, Dose-Escalation Study of a Single Injection of EYP-1901 (Vorolanib in Durasert® Platform) Demonstrating Reduced Treatment Burden in Wet Age-related Macular Degeneration

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EYP-1901 Sustained Delivery of Vorolanib for wAMD

- In the real world, under treatment with anti-VEGF has increased the need for extended durability and new MOA^{1,2}
- EYP-1901 is a novel intravitreal injection therapy consisting of, Vorolanib, a small molecule pan-VEGF receptor blocker, in a bioerodible drug release system (Durasert®)
- The safety and preliminary efficacy of EYP-1901 as maintenance therapy in patients with previously treated neovascular AMD were investigated in the phase 1 DAVIO trial



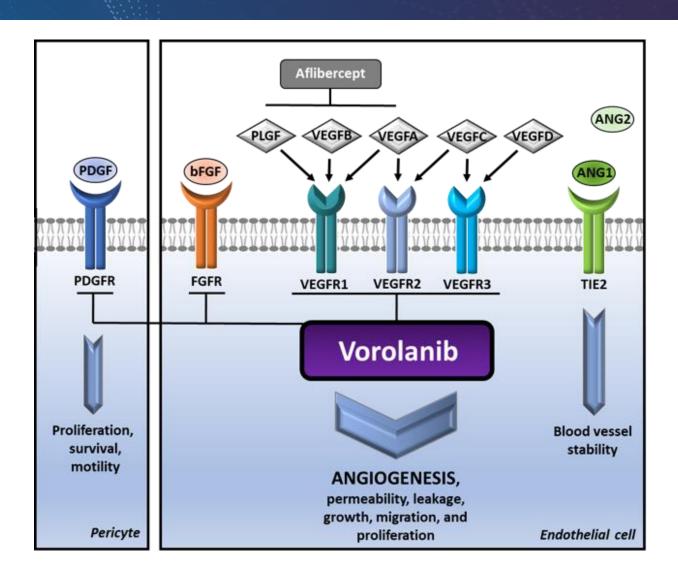
EYP-1901 insert at month 5 post injection

^{1.} Sobolewska et al. Clin Ophthalmol. 2021;15:4317-4326. 2. Monés et al. Ophthalmologica. 2020;243(1):1-8.

Vorolanib Provides pan-VEGF Receptor Inhibition

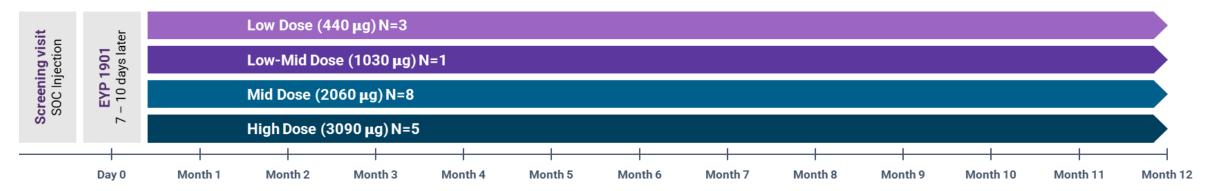
- Vorolanib inhibits multiple pathways that play key roles in the regulation of angiogenesis:
 - Inhibits all VEGF receptors
 - Inhibits PDGF receptors
 - Inhibits FGF receptors
- Highly selective
 - Does not inhibit TIE2 receptor
 - Binds intracellularly

FGFR, fibroblast growth factor receptor; PDGFR, platelet-derived growth factor receptor; TIE2, tyrosine phosphorylated in normal adult endothelium tissues; VEGFR, vascular endothelial growth factor receptor. ANG, angiopoietin; bFGF, basic fibroblast growth factor; PDGF, platelet-derived growth factor; PLGF, placental growth factor; VEGF, vascular endothelial growth factor.



DAVIO Phase 1 Study Methods

DAVIO was a phase 1, single-injection, multicenter, open-label, dose-escalation trial



Methodology:

- Enrolled all comers, previously treated nAMD
- Minimum 3 anti-VEGF injections in previous 6 months
- Single intravitreal aflibercept followed by EYP-1901 injection

Criteria for supplemental anti-VEGF therapy:

- New or worsening vision-threatening hemorrhage
- Increase in CST of > 75 μm from baseline
- Loss of ≥ 10 ETDRS letters from baseline with intraretinal/ subretinal fluid and/or hemorrhage judged to be the cause of BCVA loss

Primary end point: safety

Ocular and non-ocular treatment-emergent AEs through month 12

Secondary end points:

- · Change in BCVA and CST
- Use of supplemental anti-VEGF therapy

DAVIO Participants

Screening Characteristics (N = 17)		
Mean age, y (range)	77.4 (67-94)	
Female, %	76%	
Mean BCVA, ETDRS letters (range)	69 (38-85)	
Mean CST, μm (range)	299 (204-441)	
Median length of time for wet AMD diagnosis prior to enrollment, mo (range)	17 (4-74)	
Mean number of injections in the 12 months prior to enrollment (range)*	8.6 (3-10)	

^{*}Normalized.

Primary End Point Results: Safety

Key findings:

- No evidence of vorolanib-related ocular or systemic toxicity
- No Durasert-related toxicity or tolerance issues

Ocular AEs of particular interest:

- No vitreous floaters

- No insert migration in the anterior chamber
- No retinal vasculitis

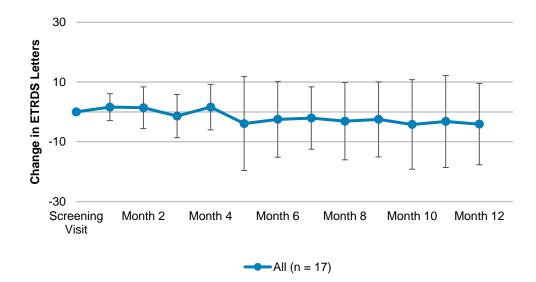
Secondary End Point Results: Mean BCVA and CST at 12 Months

Mean Change From Screening Visit

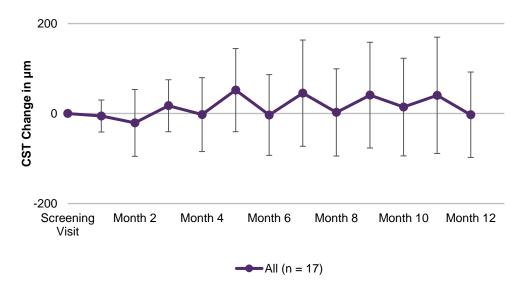
Parameter	6 Months	12 Months
BCVA	-2.5	-4.1
CST	-3.4	-2.8

BCVA units were ETDRS letters. CST units were µm.

Mean Change in BCVA From Screening Visit

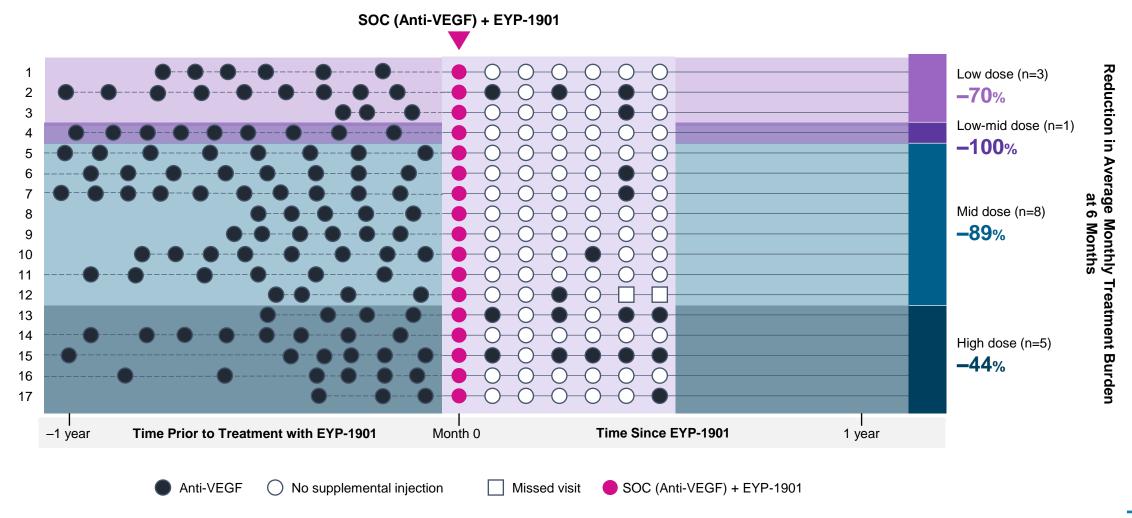


Mean Change in CST From Screening Visit

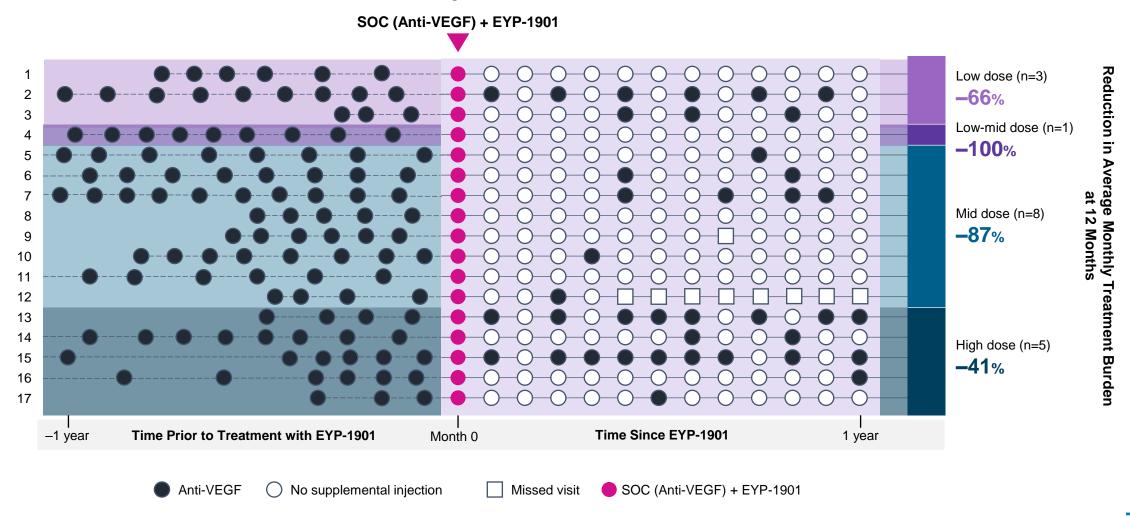


Error bars represent the standard deviation.

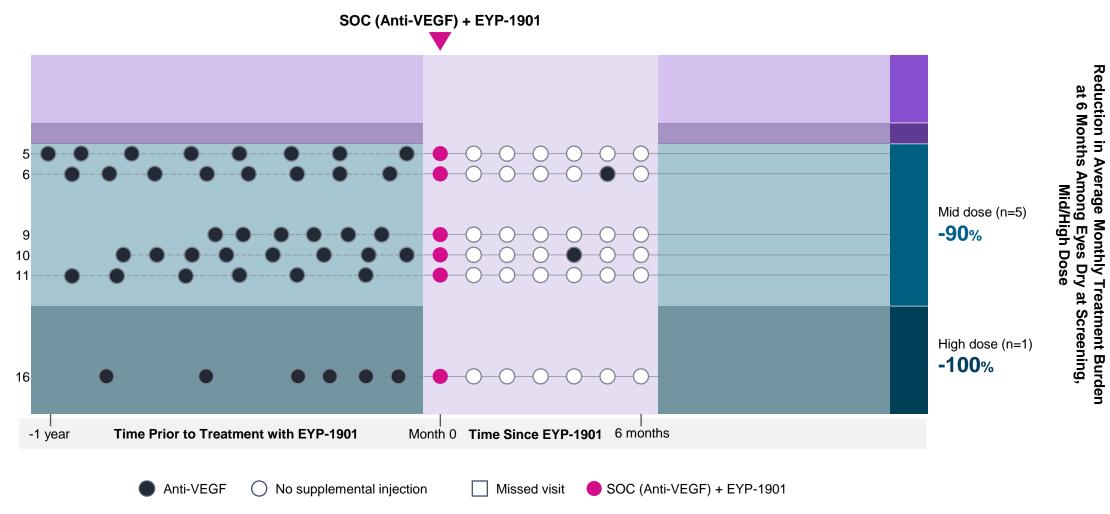
Secondary End Point Results: Reduction in Treatment Burden-75% at 6 Months



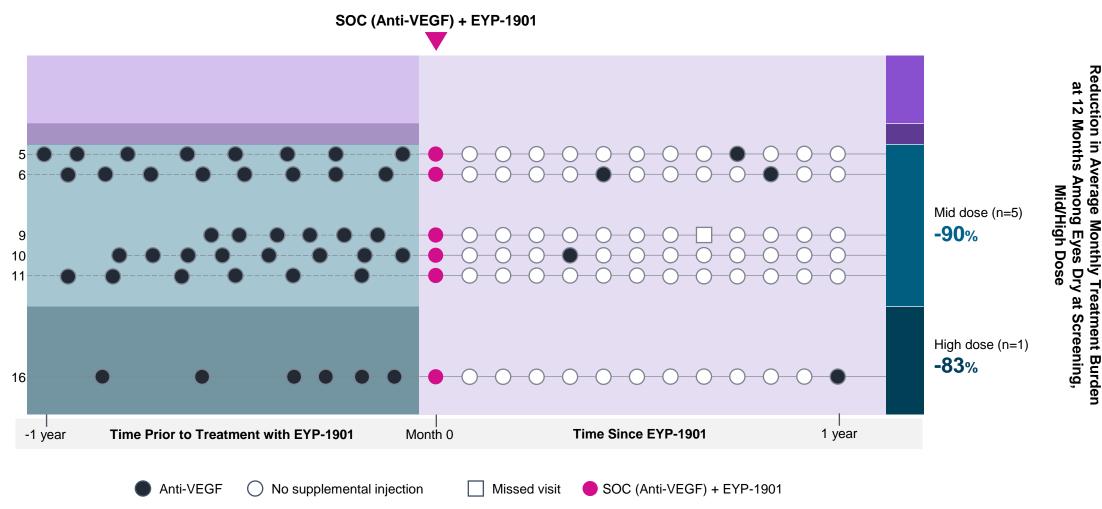
Secondary End Point Results: Reduction in Treatment Burden-73% at 12 Months



Subgroup Analysis: Reduction in Treatment Burden - 92% at 6 Months Among Mid/High Dose Subjects with No Excess Fluid at Screening (n=6)

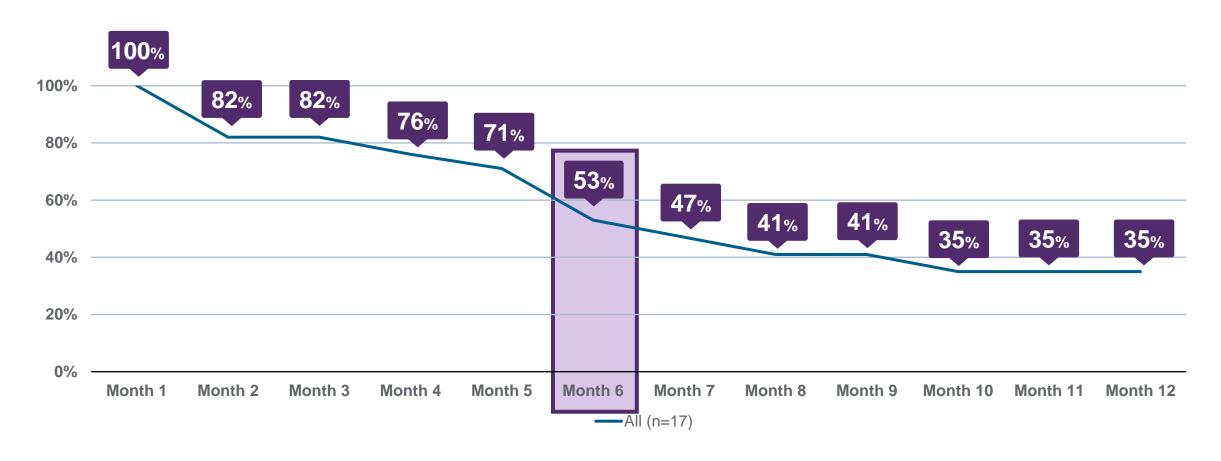


Subgroup Analysis: Reduction in Treatment Burden - 89% at 12 Months Among Mid/High Dose Subjects with No Excess Fluid at Screening (n=6)



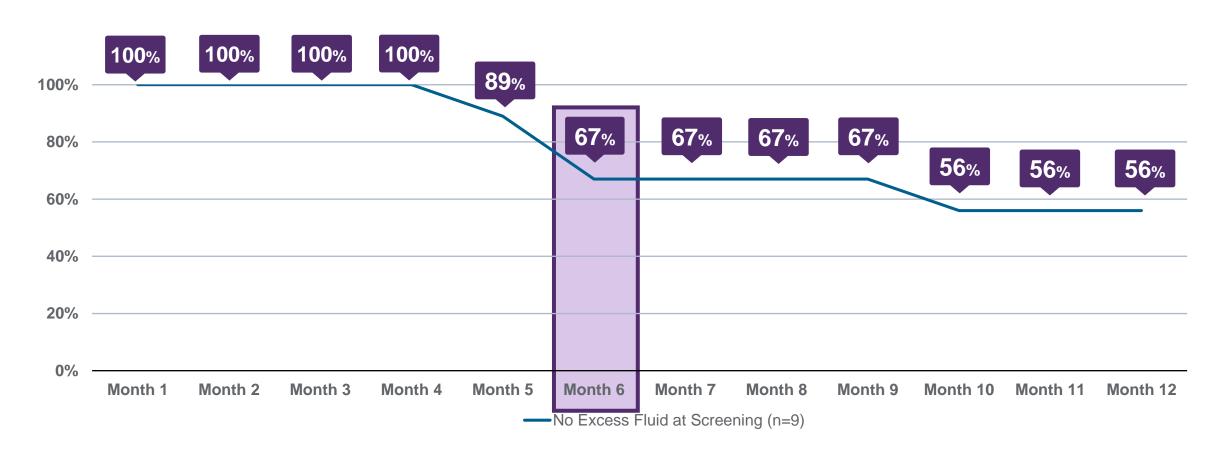
Secondary End Point Results: Supplemental Injection-Free Rates Up to Each Visit in All Subjects (n=17)

Median time to supplemental anti-VEGF: 6 months



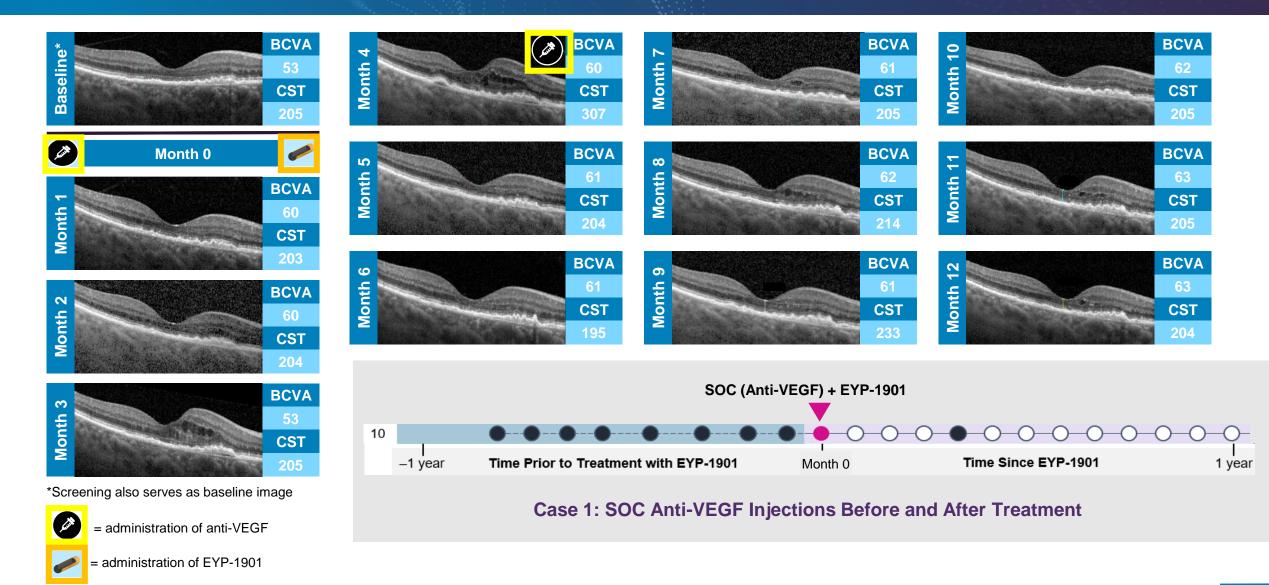
Subgroup Analysis: Supplemental Injection-Free Rates Up to Each Visit in Subjects with No Excess Fluid at Screening (n=9)

Median time to supplemental anti-VEGF: 12 months



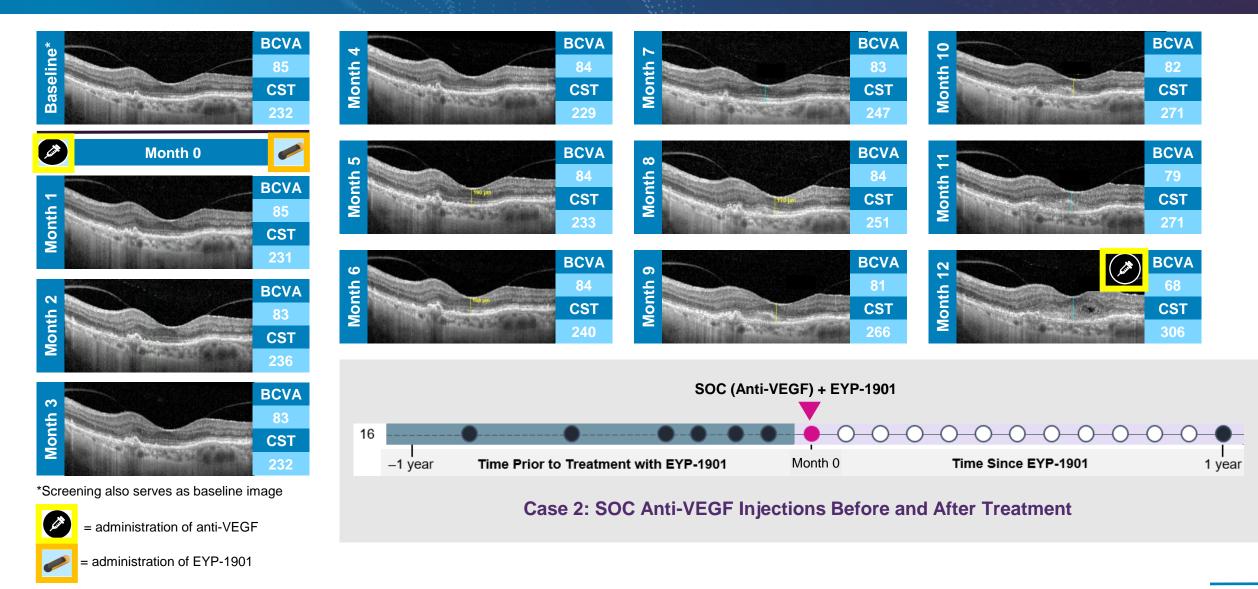
Case 1: Mid-Dose Cohort

Remained Dry Without Additional Treatment After Single Supplemental Injection at 4 Months



Case 2: High-Dose Cohort

Remained Dry Without Supplemental Injection Up To 12 Months After Single EYP-1901 Treatment



Conclusions: DAVIO Phase 1 Study EYP-1901 in nAMD

Primary end point: safety



No ocular SAEs reported



No drug-related systemic SAEs reported



Majority of ocular AEs were mild and expected

Secondary end points: efficacy & durability single EYP-1901 injection

6 months

median time to supplemental anti-VEGF

35%

supplemental injection–free up to 12 months

73%

reduction in treatment burden at 12 months

- Phase 2 wet AMD trial DAVIO-2 enrollment completed; results Q4 2023
- Phase 2 NPDR trial PAVIA initiated
- Phase 2 DME trial planned