UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
WASHINGTON, DC 20549

FORM 8-K

CURRENT REPORT
Pursuant to Section 13 or 15(d) of the
Securities Exchange Act of 1934

Date of report (Date of earliest event reported): November 13, 2021

EyePoint Pharmaceuticals, Inc.
(Exact Name of Registrant as Specified in Charter)

Delaware	**000-51122**	**26-2774444**
(State or Other Jurisdiction of Incorporation)	**(Commission File Number)**	**(I.R.S. Employer Identification No.)**

480 Pleasant Street
Watertown, MA 02472
(Address of Principal Executive Offices, and Zip Code)

(617) 926-5000
Registrant's Telephone Number, Including Area Code

(Former Name or Former Address, if Changed Since Last Report)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions (see General Instruction A.2. below):

☐ Written communication pursuant to Rule 425 under the Securities Act (17 CFR 230.425)

☐ Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)

☐ Pre-commencement communication pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))

☐ Pre-commencement communication pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Securities registered pursuant to Section 12(b) of the Act:

Title of each class	**Trading Symbol(s)**	**Name of each exchange on which registered**
Common Stock, par value $0.001	**EYPT**	**The Nasdaq Stock Market LLC**

Indicate by check mark whether the registrant is an emerging growth company as defined in Rule 405 of the Securities Act of 1933 (17 CFR §230.405) or Rule 12b-2 of the Securities Exchange Act of 1934 (17 CFR §240.12b-2).

Emerging growth company ☐

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act. ☐

Item 8.01. Other Events.

On November 13, 2021, EyePoint Pharmaceuticals, Inc. issued a press release announcing its reporting of positive interim safety and efficacy data from Phase 1 DAVIO clinical trial evaluating EYP-1901 for the treatment of wet age-related macular degeneration ("wet AMD"). A copy of the press release is attached hereto as Exhibit 99.1 and incorporated by reference herein.

On the same date, EyePoint Pharmaceuticals, Inc. posted EYP-1901 Phase 1 DAVIO study interim results presentation on its website at www.eyepointpharma.com. A copy of the presentation is filed herewith as Exhibit 99.2 and is incorporated by reference herein.

Item 9.01. Financial Statements and Exhibits.

(d) Exhibits.

Exhibit No.	Description
99.1	Press Release of EyePoint Pharmaceuticals, Inc., dated November 13, 2021
99.2	EYP-1901 Phase 1 DAVIO Study Interim Results Presentation of EyePoint Pharmaceuticals, Inc., dated November 13, 2021
104	Cover Page Interactive Data File (embedded within the inline XBRL document)

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

EYEPOINT PHARMACEUTICALS, INC.

Date: November 15, 2021

By: /s/ George O. Elston
Name: George O. Elston
Title Chief Financial Officer and Head of Corporate Development

Exhibit 99.1

EyePoint Pharmaceuticals Reports Positive Interim Safety and Efficacy Data from Phase 1 DAVIO Clinical Trial Evaluating EYP-1901 for the Treatment of Wet AMD

- *Interim six-month results show positive safety data, no dose limiting toxicities, no ocular serious adverse events (SAEs), and no drug-related systemic SAEs*
- *76% and 53% of patients were rescue-free up to four and six months, respectively, following a single injection of EYP-1901*
- *Stable best corrected visual acuity (BCVA), -2.5 letters, and central subfield thickness (CST), -2.7 µm, were achieved at the six-month visits*
- *Overall treatment burden reduced by 79% at six months*
- *Phase 2 clinical trials expected to initiate in 2022*
- *Company to host conference call and webcast today at 12:00 p.m. EST, 11:00 a.m. CST*

WATERTOWN, Mass., November 13, 2021 – EyePoint Pharmaceuticals, Inc. (NASDAQ: EYPT), a pharmaceutical company committed to developing and commercializing therapeutics to improve the lives of patients with serious eye disorders, today announced six-month interim data from the "Durasert® and Vorolanib in Ophthalmology" (DAVIO) Phase 1 clinical trial of EYP-1901, a bioerodible sustained delivery intravitreal anti-vascular endothelial growth factor (anti-VEGF) treatment targeting wet age-related macular degeneration (wet AMD). The data are being presented today at the American Academy of Ophthalmology (AAO) 2021 Annual Meeting Retina Subspecialty Day in New Orleans by David S. Boyer, M.D., Senior Partner at Retina-Vitreous Associates Medical Group and adjunct clinical professor of Ophthalmology with the University of Southern California/Keck School of Medicine.
"We are very encouraged by these data that reinforce EYP-1901's positive safety profile and its durable anti-VEGF activity up to six months so far in the majority of enrolled patients after a single intravitreal injection," said Nancy Lurker, Chief Executive Officer of EyePoint Pharmaceuticals. "Wet AMD is a leading cause of blindness, and these data bring us one step closer to potentially changing the standard of care for patients by offering an in-office sustained delivery treatment option with the potential for up to every six-month dosing."

The Phase 1 DAVIO clinical trial is an open-label, dose escalation clinical trial of EYP-1901 that enrolled 17 patients with previously treated wet AMD. EYP-1901 is a sustained delivery anti-VEGF (voralanib) investigational treatment that utilizes a bioerodible formulation of EyePoint's Durasert® drug delivery technology that has been utilized in four FDA-approved products, including EyePoint's YUTIQ® for chronic non-infectious uveitis affecting the posterior segment of the eye.

Six-month interim data from the Phase 1 DAVIO clinical trial show no reports of ocular SAEs or drug-related systemic SAEs. Further, there were no reported adverse events such as vitreous floaters, endophthalmitis, retinal detachment, implant migration in the anterior chamber, retinal vasculitis, or posterior segment inflammation. These data showed 76% and 53% of patients did not require rescue following a single dose of EYP-1901 up to four and six months, stable and sustained BCVA (-2.5 letters) and CST (-2.7 µm), a 79% reduction in treatment burden at six months, and a median time to rescue of six months across all patients.

“We are grateful to the patients, investigators, and site staff who are participating in the DAVIO Phase 1 trial. We are very encouraged by today’s data results, which demonstrated the safety and sustained anti-VEGF activity of EYP-1901 in wet AMD patients,” said David S. Boyer, M.D., a member of EyePoint’s Scientific Advisory Board and a DAVIO Clinical Investigator. “Seeing treatment improvements for these patients is very promising, and we look forward to starting the next phase of this development program next year.”

"Our clinical trial includes patients with previously treated wet AMD, who received frequent anti-VEGF injections prior to entering DAVIO. We were thrilled to see how well tolerated the EYP-1901 inserts appear to be and how well patients responded to EYP-1901 for both vision and anatomical endpoints over the six-month interim report of this 12-month study. These results are not only promising as we plan to move EYP-1901 into Phase 2 in wet AMD, but also for the potential to change the treatment paradigm for many wet AMD patients," said Jay S. Duker, M.D., Chief Operating Officer of EyePoint Pharmaceuticals. "We are encouraged by responses to date and will continue to monitor the progress of these patients as they complete the second half of this trial.”

EyePoint plans to initiate a Phase 2 wet AMD clinical trial in 2022 and the Company has scheduled a Type C meeting with the FDA on December 1, 2021, to discuss specific plans and obtain guidance on potential EYP-1901 registration trials. The Company also expects to initiate additional EYP-1901 clinical trials in diabetic retinopathy (DR) and retinal vein occlusion (RVO).

Conference Call and Webcast Information

EyePoint will host a conference call and webcast today at 12:00 p.m. EST or 11:00 a.m. CST. To access the live conference call, please dial (877) 312-7507 (domestic) or (631) 813-4828 (international) and reference conference ID 9396888. A live audio webcast of the event can be accessed via the Investors section of the Company website at www.eyepointpharma.com. A webcast replay will also be available on the corporate website at the conclusion of the call.

About EYP-1901
EYP-1901 is an investigational agent combining a bioerodible formulation of EyePoint's proprietary Durasert® sustained release technology with vorolanib, a tyrosine kinase inhibitor. Vorolanib provided efficacy signals in two prior human trials in wet AMD as an orally delivered therapy with no significant ocular adverse events. Interim six-month data from the ongoing Phase 1 DAVIO clinical trial of EYP-1901 show no reports of ocular serious adverse events (SAEs) or drug-related systemic SAEs and efficacy data up to six months in the majority of enrolled patients after a single intravitreal injection. EYP-1901 is initially being developed as a treatment for wet AMD, with the potential for additional indications in DR and RVO.

About Wet AMD
AMD impacts as many as 11 million Americans, and up to 15 percent of those patients are impacted by the wet form of AMD, which can lead to blindness. With the current standard of care requiring monthly or bimonthly intravitreal injections, treatment adherence remains an ongoing challenge for patients and physicians.

About EyePoint Pharmaceuticals, Inc.
EyePoint Pharmaceuticals (Nasdaq:EYPT) is a pharmaceutical company committed to developing and commercializing therapeutics to help improve the lives of patients with serious eye disorders. The Company's pipeline leverages its proprietary Durasert® technology for sustained intraocular drug delivery including EYP-1901, a potential twice-yearly intravitreal anti-VEGF treatment initially targeting wet age-related macular degeneration. The Company has two commercial products: YUTIQ®, for the treatment of chronic non-infectious uveitis affecting the posterior segment of the eye, and DEXYCU®, for the treatment of postoperative inflammation following ocular surgery. EyePoint Pharmaceuticals is headquartered in Watertown, Massachusetts. To learn more about the Company, please visit www.eyepointpharma.com and connect on Twitter and LinkedIn.

SAFE HARBOR STATEMENTS UNDER THE PRIVATE SECURITIES LITIGATION ACT OF 1995: To the extent any statements made in this press release deal with information that is not historical, these are forward-looking statements under the Private Securities Litigation Reform Act of 1995. Such statements include, but are not limited to, statements regarding the potential for EYP-1901 as a twice-yearly sustained delivery intravitreal anti-VEGF treatment targeting wet AMD, with potential in DR and RVO; our expectations regarding the timing and outcome of our Phase 1 DAVIO clinical trial for EYP-1901 for the potential treatment of wet AMD; our expectations regarding the timing and clinical development of our product candidates, including EYP-1901 and YUTIQ 50; and the potential advantages of our product candidates for the treatment of eye diseases; and other statements identified by words such as “will,” “potential,” “could,” “can,” “believe,” “intends,” “continue,” “plans,” “expects,” “anticipates,” “estimates,” “may,” other words of similar meaning or the use of future dates. Forward-looking statements by their nature address matters that are, to different degrees, uncertain. Uncertainties and risks may cause EyePoint's actual results to be materially different than those expressed in or implied by EyePoint's forward-looking statements. For

EyePoint, this includes uncertainties regarding the timing and clinical development of our product candidates, including EYP-1901; the effectiveness and timeliness of clinical trials, and the usefulness of the data; the timeliness of regulatory approvals; the continued impact of the COVID-19 pandemic on EyePoint's business, the medical community and the global economy and the impact of general business and economic conditions; the success of current and future license agreements; protection of our intellectual property and avoiding intellectual property infringement; retention of key personnel; manufacturing risks; and other factors described in our filings with the Securities and Exchange Commission. We cannot guarantee that the results and other expectations expressed, anticipated or implied in any forward-looking statement will be realized. A variety of factors, including these risks, could cause our actual results and other expectations to differ materially from the anticipated results or other expectations expressed, anticipated or implied in our forward-looking statements. Should known or unknown risks materialize, or should underlying assumptions prove inaccurate, actual results could differ materially from past results and those anticipated, estimated or projected in the forward-looking statements. You should bear this in mind as you consider any forward-looking statements. Our forward-looking statements speak only as of the dates on which they are made. We do not undertake any obligation to publicly update or revise our forward-looking statements even if experience or future changes makes it clear that any projected results expressed or implied in such statements will not be realized.

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Exhibit 99.2


Delivering Innovation to the Eye
EYP-1901 DAVIO Study Interim Results
November 13, 2021
EYEPOINT
PHARMACEUTICALS

Forward looking statements

Various statements made in this presentation are forward-looking, within the meaning of the U.S. Private Securities Litigation Reform Act of 1995, and are inherently subject to risks, uncertainties and potentially inaccurate assumptions. All statements that address activities, events or developments that we intend, expect, plan or believe may occur in the future, including but not limited to statements about our expectations regarding the potential benefits of our partnerships and strategic alliances with other companies, as well as the timing and clinical development of our product candidates, including EYP-1901; the potential for EYP-1901 as a vital, novel twice-yearly treatment for wet age-related macular degeneration, diabetic retinopathy and retinal vein occlusion; and our longer term financial and business goals and expectations, are forward-looking statements. Some of the factors that could cause actual results to differ materially from the anticipated results or other expectations expressed, anticipated or implied in our forward-looking statements are risks and uncertainties inherent in our business including, without limitation: the effectiveness and timeliness of clinical trials, and the usefulness of the data; the timeliness of regulatory approvals; the extent to which COVID-19 impacts our business; our ability to achieve profitable operations and access to needed capital; fluctuations in our operating results; our ability to successfully produce sufficient commercial quantities of YUTIQ® and DEXYCU® and to successfully commercialize YUTIQ and DEXYCU in the U.S.; our ability to sustain and enhance an effective commercial infrastructure and enter into and maintain commercial agreements for YUTIQ and DEXYCU; the development of our YUTIQ line extension shorter-duration treatment for non-infectious uveitis affecting the posterior segment of the eye; the success of current and future license agreements, including our agreements with Ocumension Therapeutics and Equinox Science; termination or breach of current license agreements, including our agreements with Ocumension Therapeutics and Equinox Science; our dependence on contract research organizations, co-promotion partners, and other outside vendors and service providers; effects of competition and other developments affecting sales of products; market acceptance of products; effects of guidelines, recommendations and studies; protection of intellectual property and avoiding intellectual property infringement; retention of key personnel; product liability; industry consolidation; compliance with environmental laws; manufacturing risks; risks and costs of international business operations; volatility of our stock price; possible dilution; absence of dividends; and other factors described in our filings with the Securities and Exchange Commission. We cannot guarantee that the results and other expectations expressed, anticipated or implied in any forward-looking statement will be realized. A variety of factors, including these risks, could cause our actual results and other expectations to differ materially from the anticipated results or other expectations expressed, anticipated or implied in our forward-looking statements. Should known or unknown risks materialize, or should underlying assumptions prove inaccurate, actual results could differ materially from past results and those anticipated, estimated or projected in the forward-looking statements. You should bear this in mind as you consider any forward-looking statements. Our forward-looking statements speak only as of the dates on which they are made. We do not undertake any obligation to publicly update or revise our forward-looking statements even if experience or future changes makes it clear that any projected results expressed or implied in such statements will not be realized.

COMPANY OVERVIEW

Pipeline leveraging proven Durasert® technology *

Compelling pipeline focused on retinal disease

- EYP-1901 - advancing into phase 2 trials for wet AMD, diabetic retinopathy (DR), and retinal vein occlusion (RVO) after positive phase 1 top line results
- YUTIQ50 – potential six month treatment for posterior uveitis entering phase 3 to support SNDA filing
- Additional molecules and MOA under evaluation

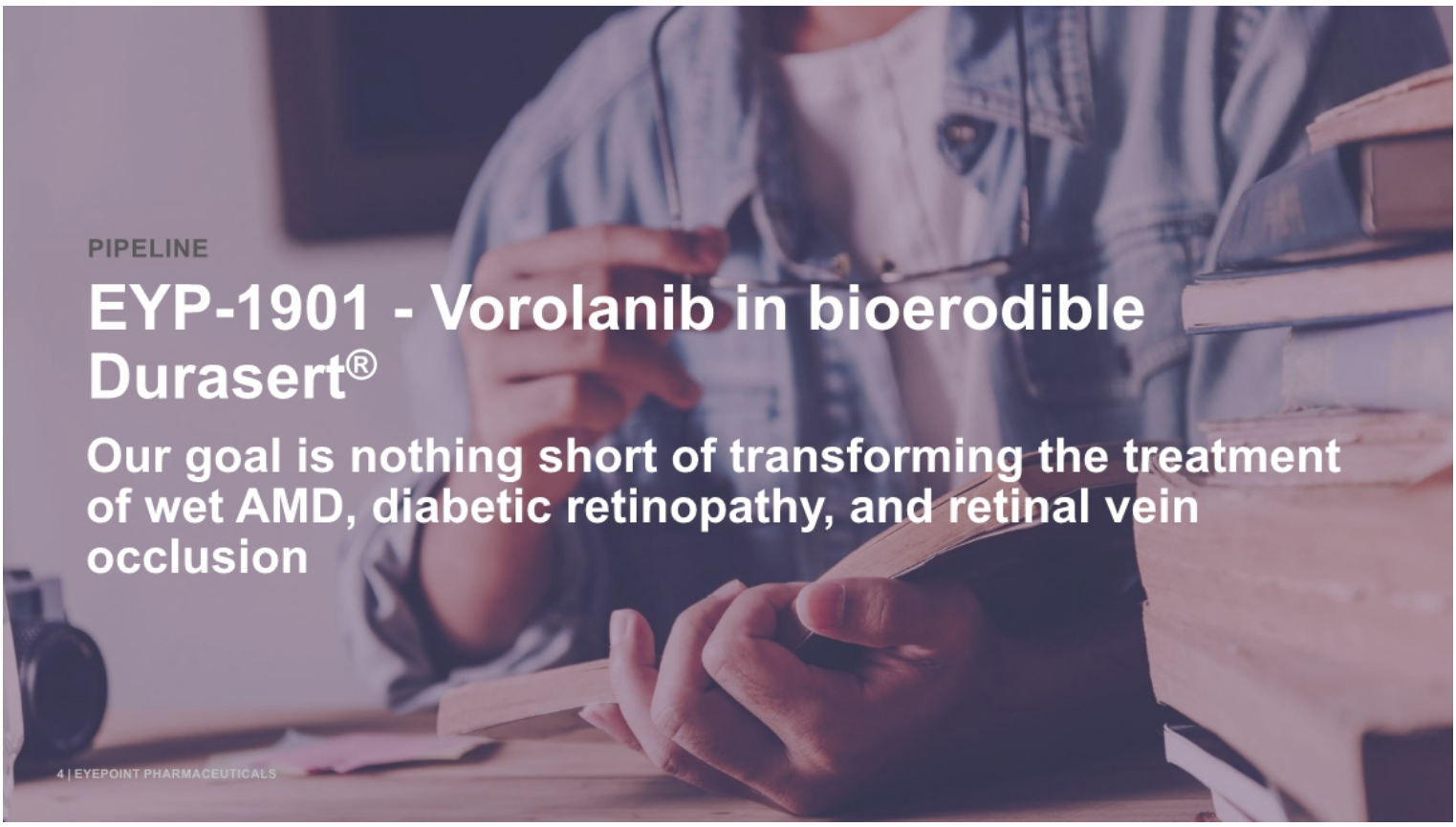
Durasert® - proven intravitreal (IVT) drug delivery platform

- Sustained local drug delivery
- Constant (zero-order kinetics), stable release of drug in the eye over weeks, months or years
- Safely administered to thousands of patients' eyes across four FDA approved products

Commercial franchises - YUTIQ® and DEXYCU®

- 2021 net product revenues improving as COVID-19 restrictions eased across the U.S.

*non-erodible



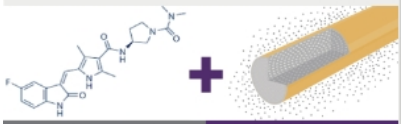
PIPELINE

EYP-1901 - Vorolanib in bioerodible Durasert®

Our goal is nothing short of transforming the treatment of wet AMD, diabetic retinopathy, and retinal vein occlusion

PIPELINE

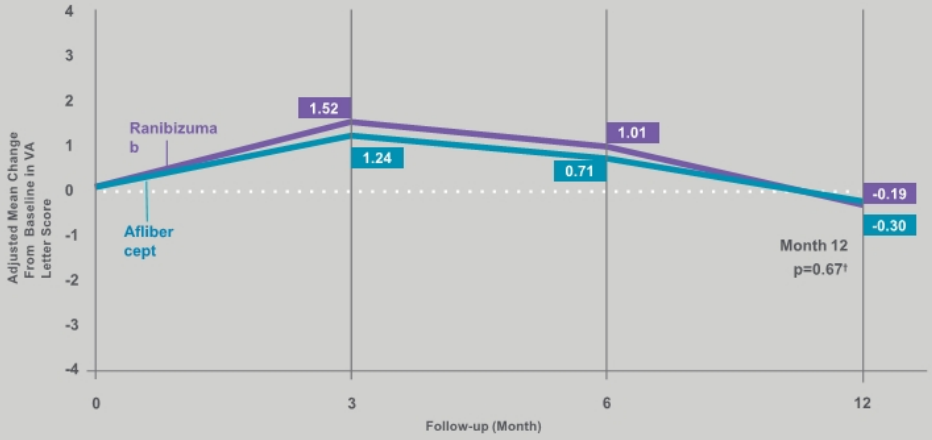
EYP-1901



VOROLANIB | DURASERT

Real world need... today's wet AMD treatments still result in vision loss over time

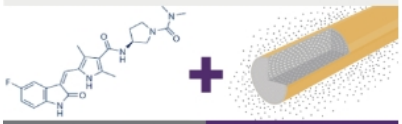
RETROSPECTIVE STUDY OF 3350 RANIBIZUMAB AND 4300 AFLIBERCEPT TREATMENT-NAIVE EYES WITH WET AMD



Lotery et al., Eye (2017) 31, 1697–1706

PIPELINE

EYP-1901



VOROLANIB | DURASERT

Real World Reality – Even One Missed Injection Can Mean Loss of Vision

AMERICAN ACADEMY OF OPHTHALMOLOGY®

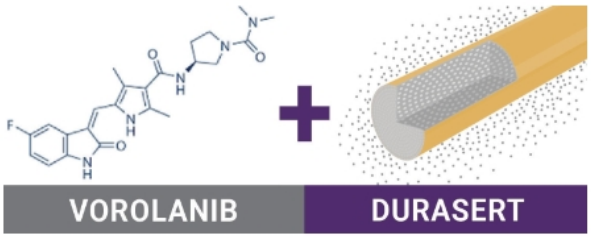
The Effect of Delay in Care among Patients Requiring Intravitreal Injections

Weilin Song, BS,[1] Rishi P. Singh, MD,[2] Aleksandra V. Rachitskaya, MD[3]

- Study evaluated 1,041 pts getting intravitreal anti-VEGF therapies
- 60% went to scheduled follow up - 40% did not
- Conclusion: With frequent injections required for current standard of care, a delay in care of only 5.34 weeks resulted in visual loss
- Sustained release options may give practitioners and patients improved outcomes

EYP-1901 – A Novel Approach to Wet AMD Therapy

Vorolanib in Durasert® (bioerodible)

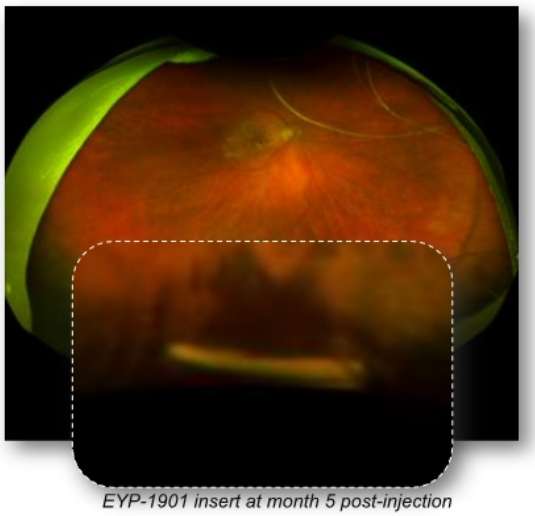


Vorolanib

- Receptor-binding, small molecule tyrosine kinase inhibitor (TKI)
- Activity against all isoforms of VEGF and PDGF
- Oral vorolanib previously studied in a wet AMD ph1 and ph2 programs[1,2]
  - Strong efficacy signal but systemic toxicity halted the ph2 study
  - **No ocular toxicity noted**

1. Jackson et al. JAMA Ophthalmol 2017
2. Cohen MN et al. Br J Ophthalmol. 2021

EYP-1901 – A Novel Approach to Wet AMD Therapy
Vorolanib in Bioerodible Durasert®



EYP-1901 insert at month 5 post-injection

Bioerodible Durasert® Platform: injectable, sustained-delivery system

Similar to YUTIQ®, Retisert®, and Vitrasert®

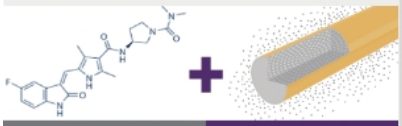
- Main difference:
  No polyimide shell ➡ Bioerodible

Drug release dynamics

- Initial burst near the surface of implant
- Constant, zero-order kinetic release rate for months

PIPELINE

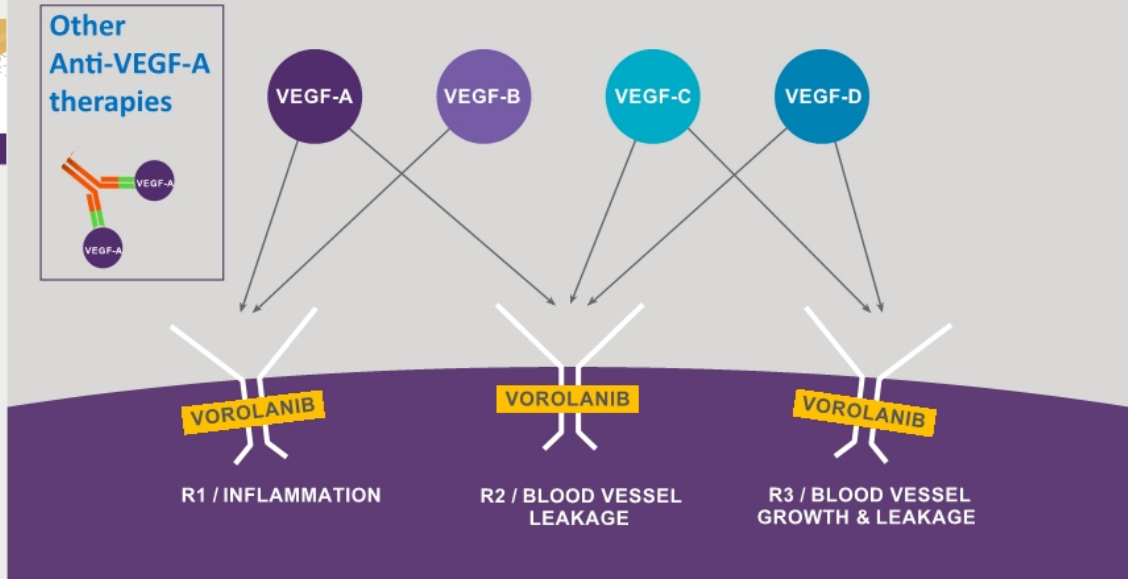
EYP-1901



VOROLANIB | DURASERT

Effective blocking of VEGFR Prevents Exudation and Loss of Vision

VEGF SIGNALING PATHWAYS




EYP-1901 phase 1 trial
interim results

DAVIO: EYP-1901 Durasert and Vorolanib in Ophthalmology *Phase 1 Study Interim Data Summary*

All objectives successfully met

SAFETY

Positive safety data:

- No ocular Serious Adverse Events (SAEs) reported
- No drug-related systemic SAEs reported
- All ocular AEs were ≤ grade 2; the only grade 3 AE was not drug-related

EFFICACY

Positive Efficacy Data:

- Stable VA and OCT
- Median time to rescue: 6 months
- Clinically significant reduction in treatment burden

DAVIO - Durasert and Vorolanib In Ophthalmology - Wet AMD

Phase 1 Trial. Open label, Dose Escalation, No Control Arm

Enrollment

- Previously treated wet AMD eyes only
- No exclusion for presence of fluid

NO mandated EYP 1901 retreatments

Criteria for rescue anti-VEGF therapy*:

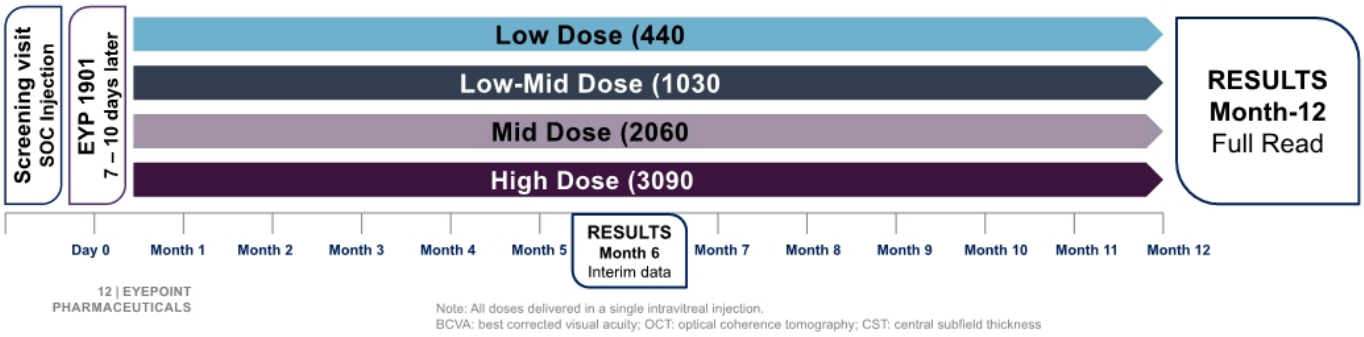
- New fluid > 75 microns (OCT) compared to Day-0
- ≥ 2 lines of BCVA secondary to wet AMD compared to Day-0
- New macular hemorrhage secondary to wet

Primary endpoint: safety

- Interim at month-6
- Full readout at month-12

Secondary endpoints:

- BCVA
- CST as measured by OCT



Note: All doses delivered in a single intravitreal injection.
BCVA: best corrected visual acuity; OCT: optical coherence tomography; CST: central subfield thickness

EYP-1901 Phase 1 DAVIO Participants and Follow-Up

Screening Characteristics (N=17) and Follow Up Visits	
Mean age, range (years)	77.4 (67–94)
Female (n, %)	13/17 (76%)
Mean BCVA, range (ETDRS letters)	69 letters, (38-85)
Mean CST, range (microns)	299 microns, (204–441)
Median length of time for wet AMD diagnosis prior to enrollment	17 months
Mean # of injections per year prior to enrollment	8.76 injections/year
Follow Up at 6 months	168 out of 170 (99 %) possible post treatment follow up visits performed

BCVA: best corrected visual acuity; ETDRS: Early Treatment Diabetic Retinopathy Study; CST: central subfield thickness


Results: Safety
EyePoint
PHARMACEUTICALS

DAVIO Primary Endpoint – Safety

Positive Overall Safety Data

No ocular serious adverse events (SAEs) reported

No drug-related systemic SAEs reported

No other reported significant adverse events such as:

- No vitreous floaters
- No endophthalmitis
- No retinal detachment
- No implant migration in the anterior chamber
- No retinal vasculitis
- No posterior segment inflammation

Ocular AEs:

- One eye: mild asymptomatic anterior chamber cell/flare; *Treated with Maxitrol® eyedrops – resolved in 8 days*
- One eye: asymptomatic vitreous hemorrhage from injection; *Observed*

AC, anterior chamber; AE, adverse event; BCVA, best corrected visual acuity; SAE, serious adverse event

DAVIO Summary to Date – Ocular Safety

Treatment Ocular Adverse Events as Occurring by Subject

Event	440 µg (n=3)	1030 µg (n=1)	2060 µg (n=8)	3090 µg (n=5)	Total (N=17)
Ocular SAEs	0	0	0	0	0
Dose-limiting toxicity events	0	0	0	0	0
Vitreous floaters	0	0	0	0	0
Endophthalmitis	0	0	0	0	0
Reduction in BCVA ≥10 letters[a]	1	0	1	1	3
Retinal detachment	0	0	0	0	0
Implant migration into AC	0	0	0	0	0
Ocular inflammation	0	0	1	0	1
Elevated IOP	1	0	0	0	1
Post-treatment ocular pain/discomfort	2	0	1	0	3
Progressive disease activity	1	0	2	8	11
Subconjunctival hemorrhage	0	0	3	1	4
Vitreous haze	0	0	0	0	0
Dry eye syndrome OU	1	0	0	0	1
Worsening cataracts OU	0	0	1	0	1
Worsening meibomian gland dysfunction OU	0	0	1	0	1
Silicone oil bubble	0	0	1	0	1
Lid edema	0	0	1	0	1
Ocular discharge	0	0	1	0	1
Vitreous hemorrhage	0	0	0	1	1
Corneal epitheliopathy secondary to dry eye (OS)	0	0	1	0	1
Flame shaped hemorrhage	1	0	0	0	1
Macular hemorrhage	1	0	0	0	1

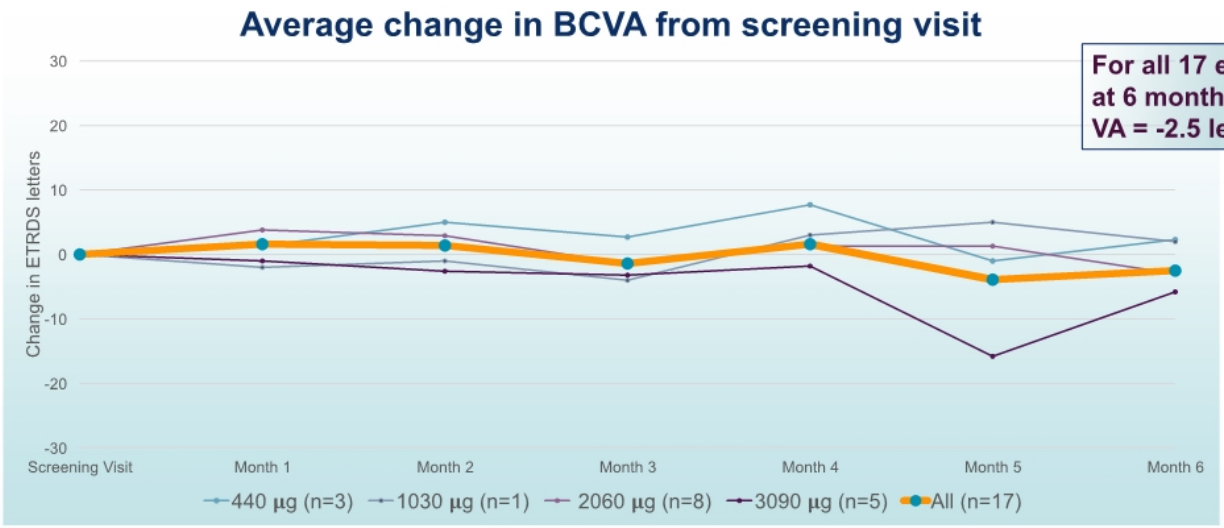
AEs of particular interest

a. All mild-to-moderate in severity and determined not related to study drug
b. Grade 1/Mild

AC anterior chamber; AE, adverse event; BCVA, best corrected visual acuity; OS, left eye; OU; both eyes


Results:
Visual acuity, CST, Rescue Free rates, and
Reduction in Treatment Burden
EYEPOINT
PHARMACEUTICALS
17 | EYEPOINT
PHARMACEUTICALS

Results:
Average Visual Acuity (VA) Stable 6 Months After Treatment



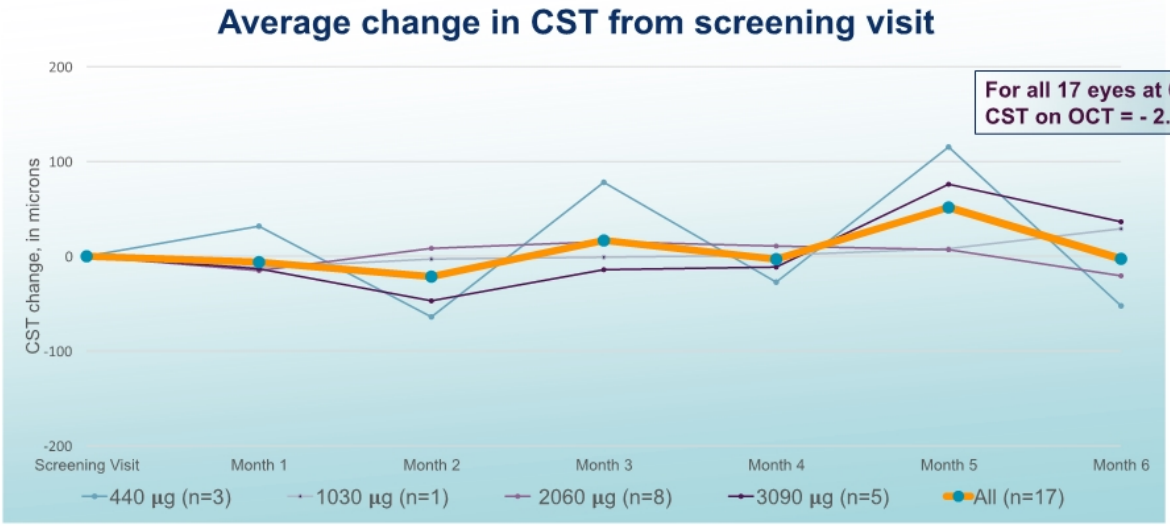
BCVA: best corrected visual acuity

Interim data – monitored through 4 months

Results: Central Subfield Thickness (CST)

Sustainable Anatomical Control & Efficacy

Average change in CST from screening visit

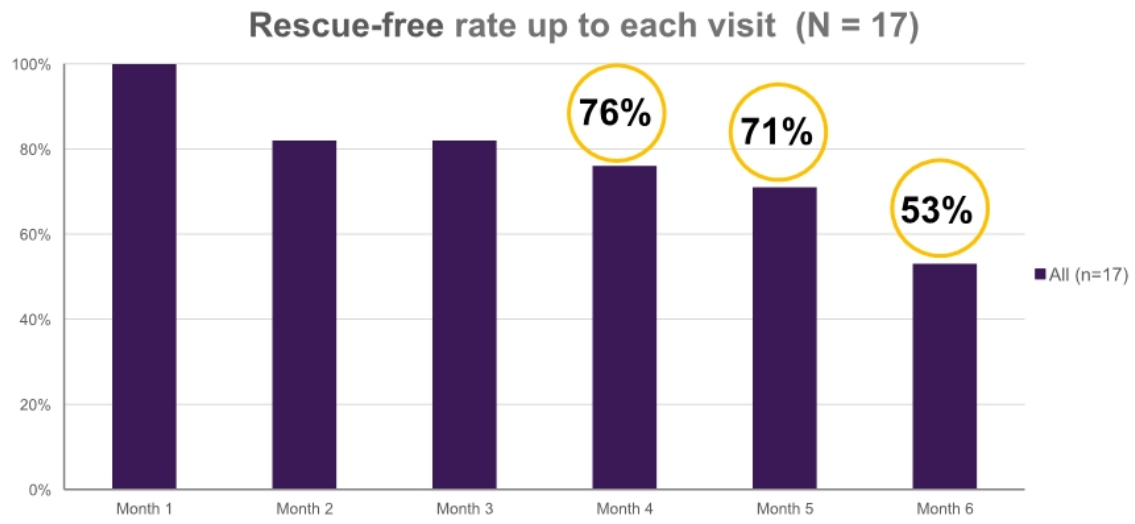


OCT: optical coherence tomography; CST: central subfield thickness

Interim data – monitored through 4 months

Rescue-free Rates up to Each Visit: Entire Study group

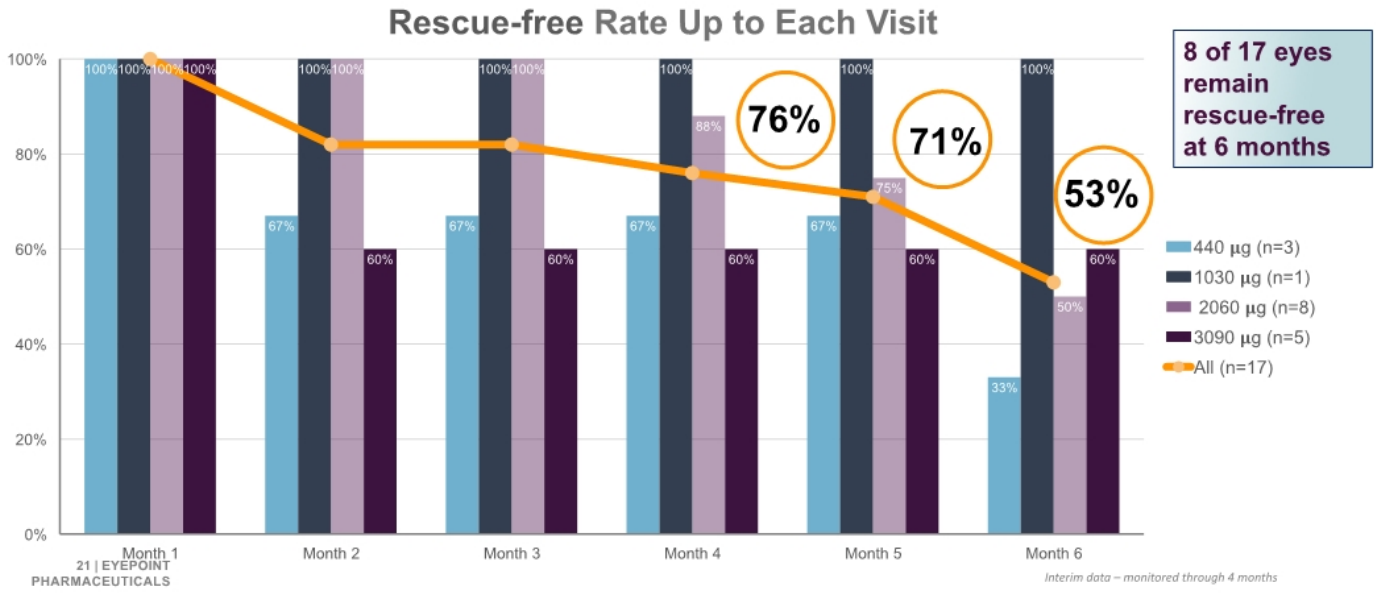
Median Time to Rescue = 6 Months



Interim data – monitored through 4 months

Rescue-free Rates up to Each Visit

Median Time to Rescue = 6 Months



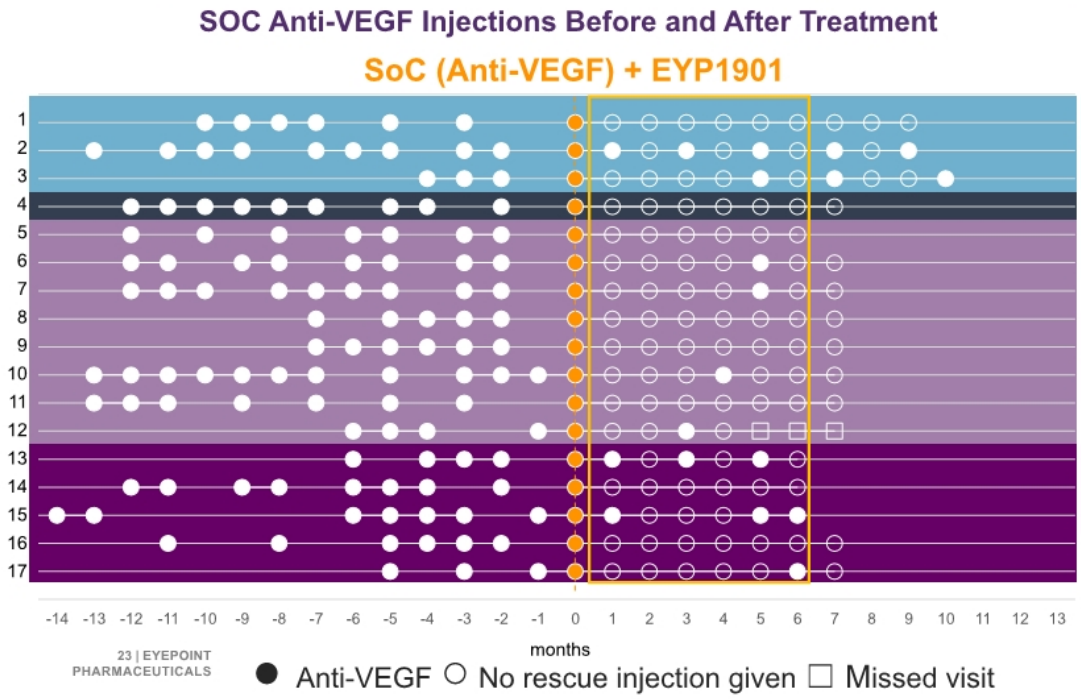
Details on Patients (n=9) That Received Rescue Anti-VEGF Therapy

Cohort	Subject #	Rescue Visit	Reason
Low Dose	2	Month 1	Rescued for CST
Low Dose	3	Month 5	Rescued for CST
Mid Dose	6	Month 5	Rescued for CST
Mid Dose	7	Month 5	Rescued for VA
Mid Dose	10	Month 4	Rescued for CST
Mid Dose	12	Month 3	Rescued for VA
High Dose	13	Month 1	new IRF – did not meet criteria
High Dose	15	Month 1	Rescued for CST
High Dose	17	Month 6	Rescued for CST

CST: central subfield thickness; SRF: subretinal fluid; IRF: intra-retinal fluid

CST's NOT Reading Center Confirmed - Interim data – monitored through 4 months

Results: Clinically Significant Reduction in Treatment Burden *79 % for the entire cohort*



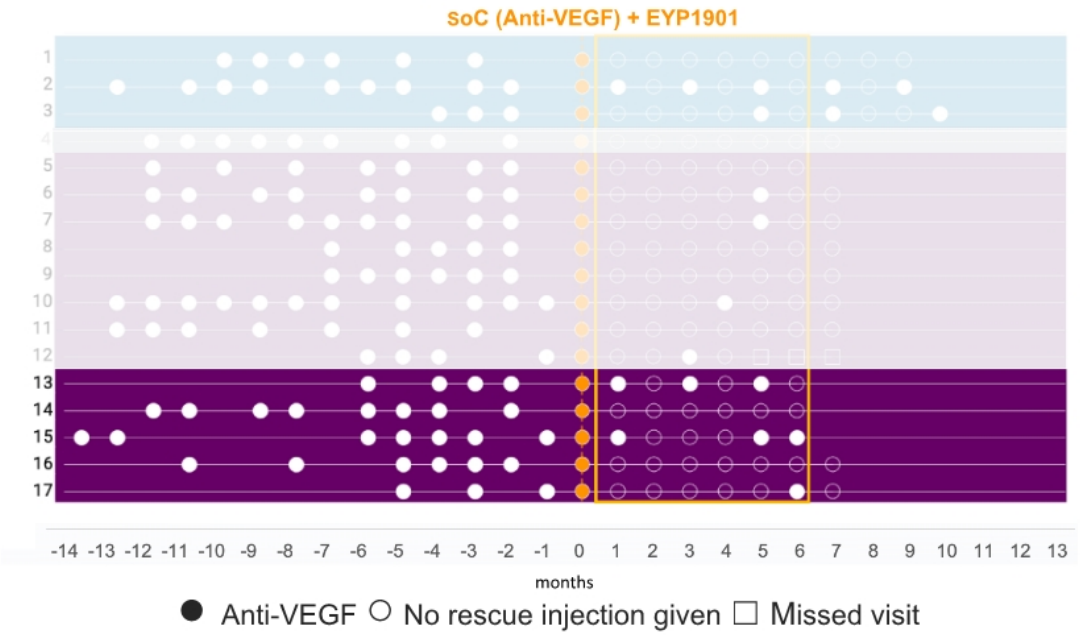
Average Monthly TX Burden

	Prior period	6m period after	↓%
Low dose (n=3)	0.74	0.22	-70%
Low-mid dose (n=1)	0.78	0	-100%
Mid dose (n=8)	0.78	0.08	-89%
High dose (n=5)	0.59	0.23	-61%

Interim data – monitored through 4 months

Results: Clinically Significant Reduction in Treatment Burden of 79 % for the Entire Cohort

SOC Anti-VEGF Injections Before and After Treatment



● Anti-VEGF ○ No rescue injection given □ Missed visit

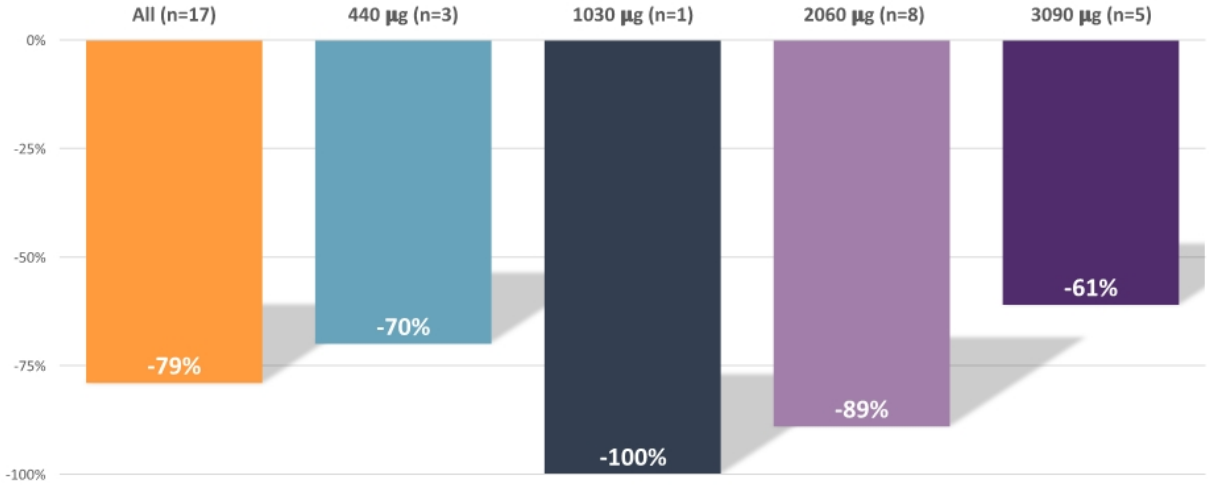
Average Monthly TX Burden		
Prior period	6m period after	↓%
Low dose (n=3)		
0.74	0.22	-70%
Low-mid dose (n=1)		
0.78	0	-100%
Mid dose (n=8)		
0.78	0.08	-89%
High dose (n=5)		
0.59	0.23	-61%

Interim data – monitored through 4 months

Treatment Burden After EYP1901

Substantial and Highly Clinically Relevant Reduction

Reduction in Treatment Burden at 6 months post-treatment



100 % reduction = no rescue through 6 months

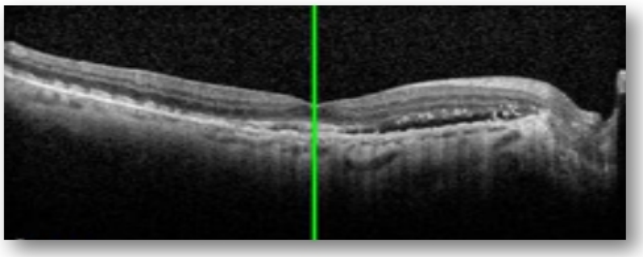
Interim data – monitored through 4 months

Case 1: Entered Dry, Stayed Dry for 9 Months

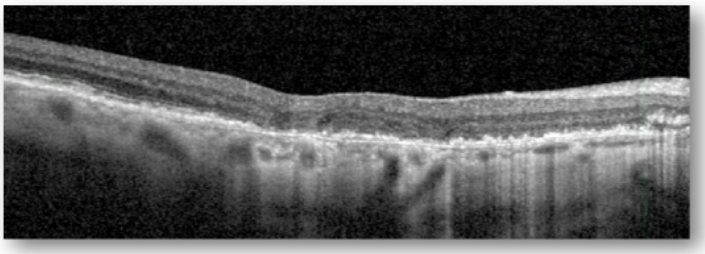
Low dose cohort (EYP-1901 440 µg)

Screening visits prior to treatment

Initial Diagnosis: *9 months prior to enrollment*

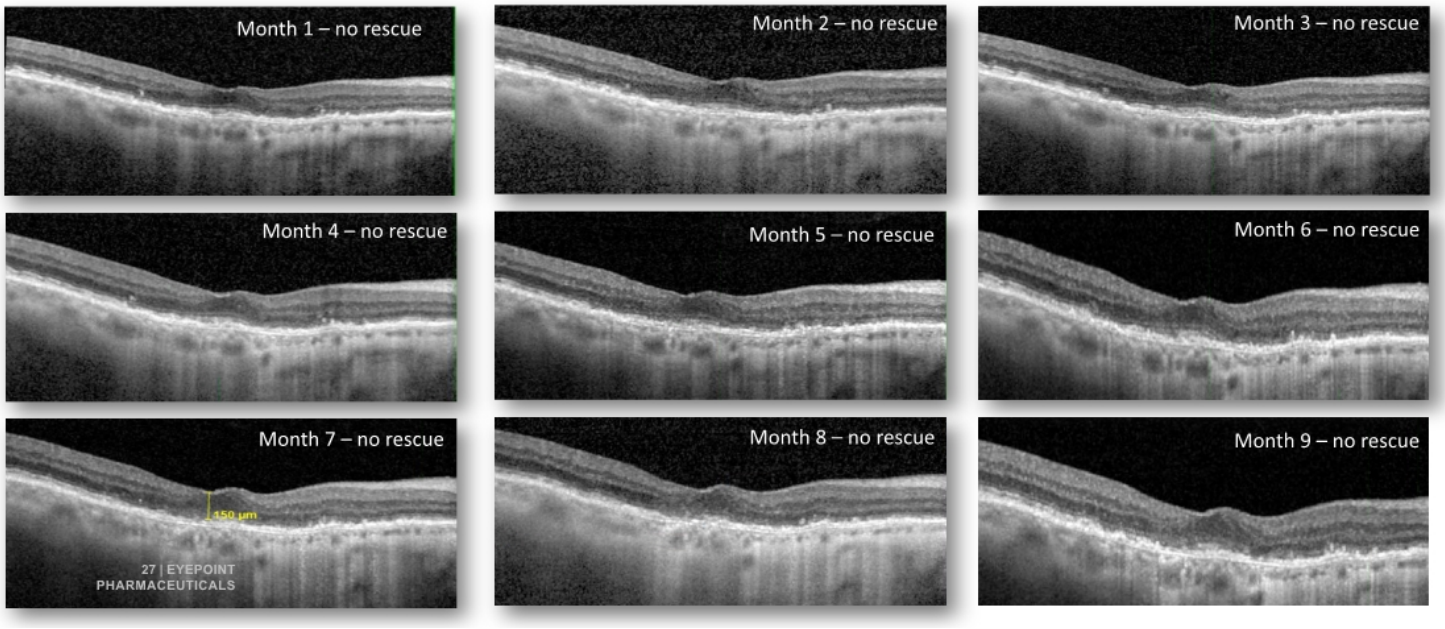


Screening Visit: *6 anti-VEGF injections prior to enrollment*



Case 1: Post-Treatment (No Rescues Through Month 9)

Low dose cohort (EYP-1901 440 µg)

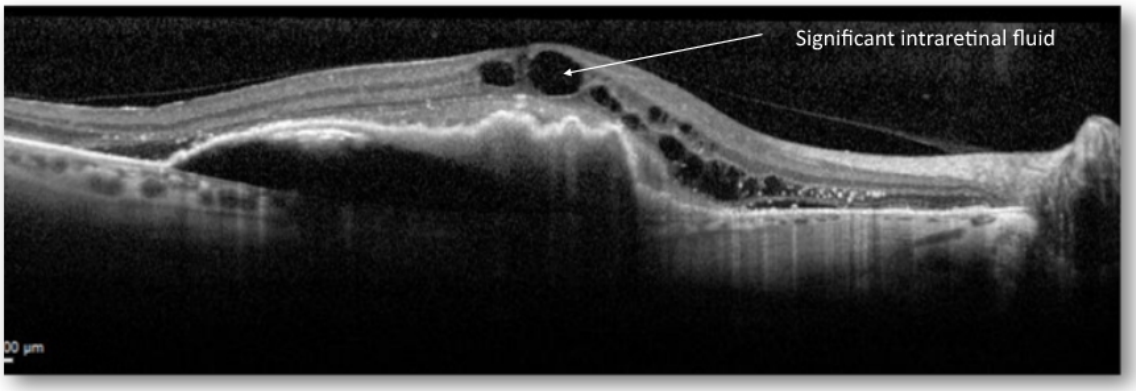


Case 2: Rescued at Month 1
Failure of Both SOC therapy and EYP 1901

Low dose cohort (EYP-1901 440 µg)

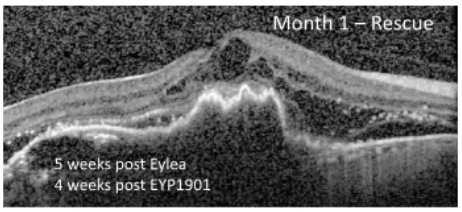
Prior to Treatment

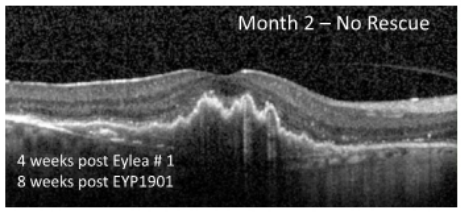
Screening Visit (9 prior anti-VEGF injections)

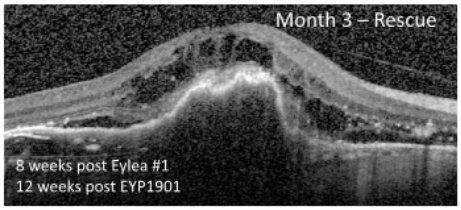


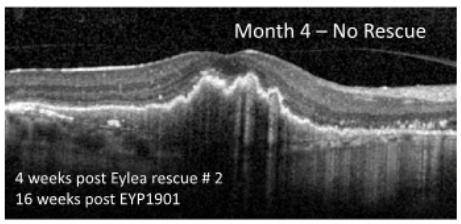
Case 2: 9 anti-VEGF injections prior to screening

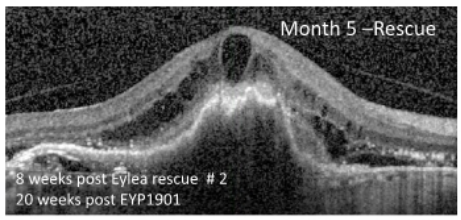
Low Dose Cohort (EYP-1901 440 µg)

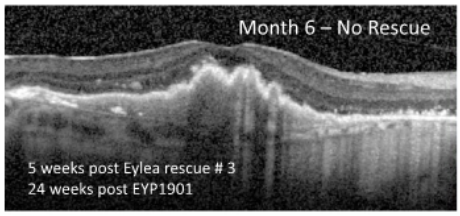












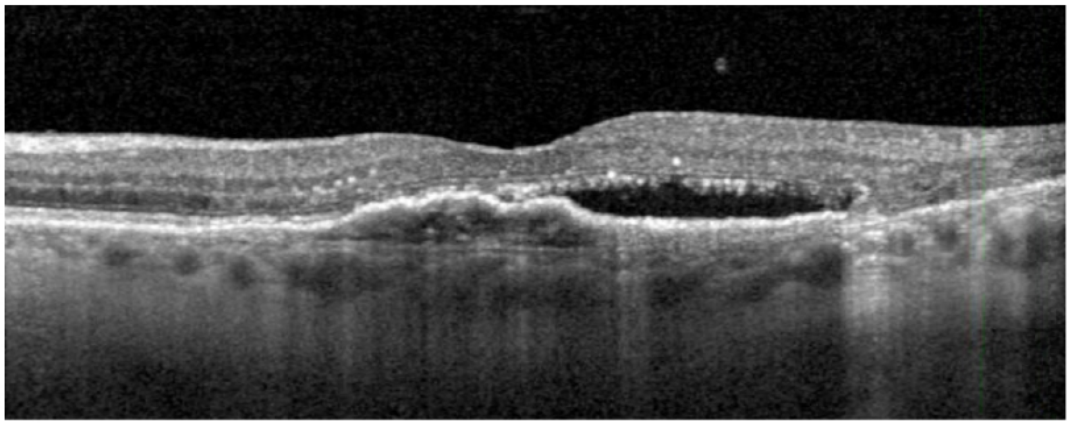
Despite early rescue, EYP1901 still reduced treatment burden by 34%

Case 3: Entered the Study With Subretinal Fluid

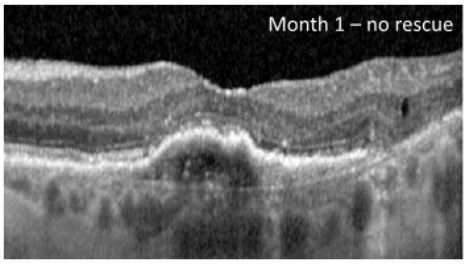
High dose cohort (EYP-1901 3090 µg)

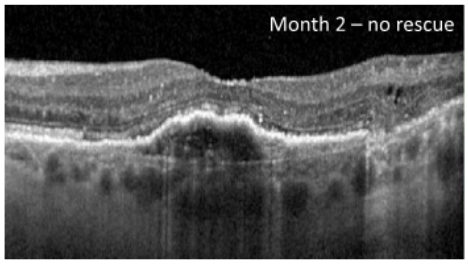
Prior to treatment

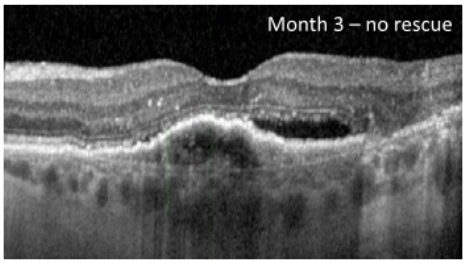
Screening Visit (8 prior anti-VEGF injections)

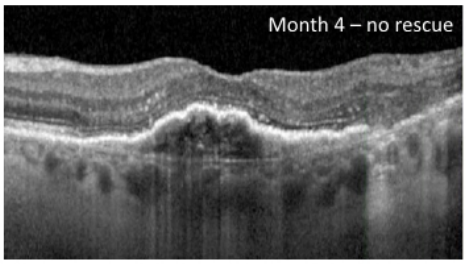


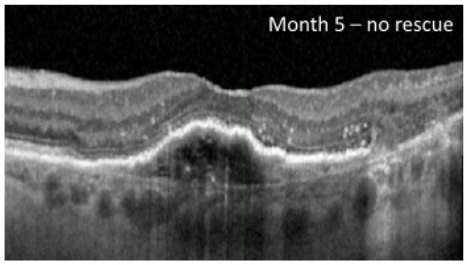
Case 3: Post-treatment – New Fluid Doesn't Mean Rescue !

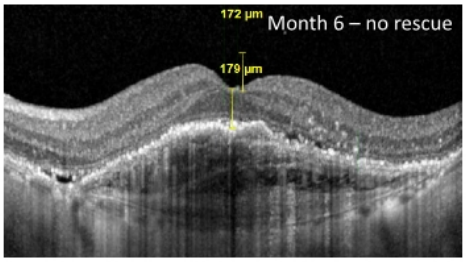












DAVIO Summary:
EYP-1901 Phase 1 Clinical Trial Met All Objectives

All objectives successfully met: Proof of Concept for Vorolanib in wet AMD

SAFETY

Positive Safety Data

- No ocular SAEs reported
- No drug-related systemic SAEs reported
- Ocular AEs - majority mild and to be expected

EFFICACY

Positive Efficacy Data:

- Stable VA and OCT
- Median time to rescue: 6 months
- **76 %** rescue-free up to 4 months
- **53 %** rescue-free up to 6 months
- Clinically significant reduction in treatment burden by **79 %**

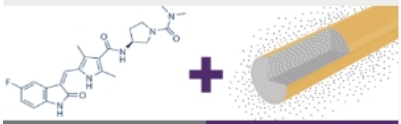
DURABILITY

8 of 17 (47 %) eyes still rescue-free

- One eye out nine months rescue-free

PIPELINE

EYP-1901



VOROLANIB | DURASERT

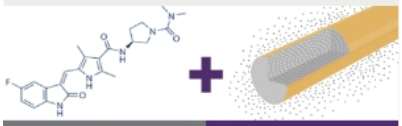
Key Takeaways for EYP-1901 from DAVIO Study

Summary of Clinical Findings

- EYP-1901 (vorolanib delivered with our bioerodible DURASERT) - favorable safety and tolerability profile
- Proof of Concept - clinically significant activity of vorolanib in wet AMD setting
- Demonstrated ability of DURASERT technology to deliver controllable, extended release of active drug over months
  - Implies highly clinically significant improvements to dosing frequency relative to SoC

PIPELINE

EYP-1901



VOROLANIB | DURASERT

Key Takeaways for EYP-1901 from DAVIO Study

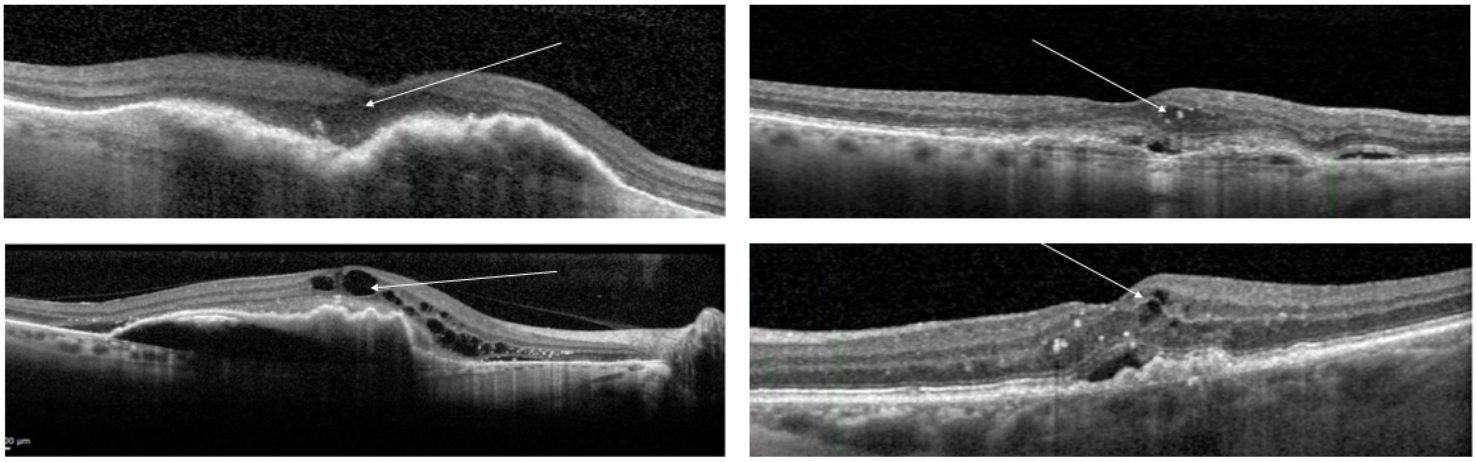
Next Steps for EYP-1901

- Advance EYP-1901 into three Phase 2 clinical trials by YE:2023
  - Wet AMD initiation expected in 2022, Diabetic Retinopathy initiation expected in 2022, and Retinal Vein Occlusion initiation expected by 2023
- FDA Type C meeting in December 2021 to further inform wet AMD clinical development plan
- Use clinical findings and observations around biomarkers to refine Phase 2 clinical trial design in wet AMD

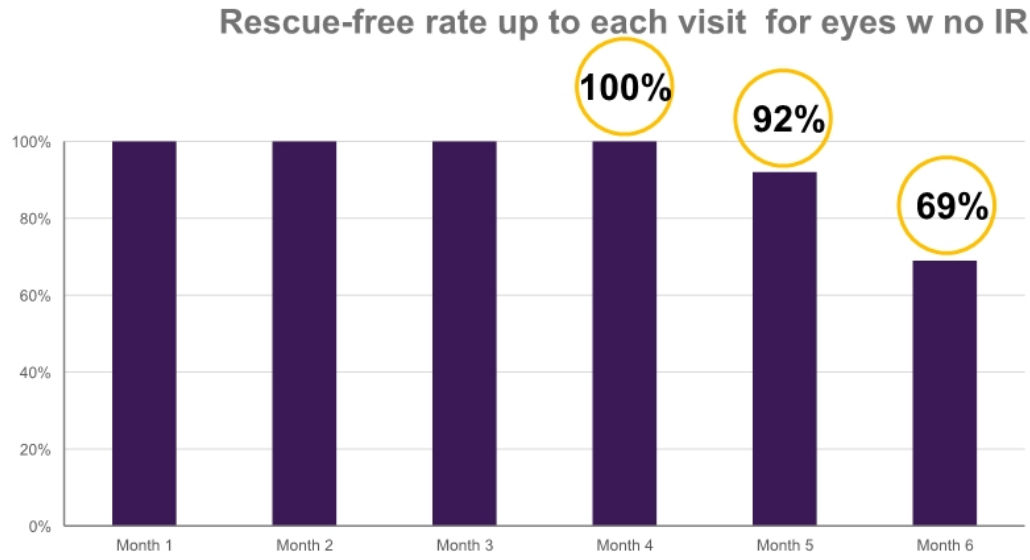
Refine Phase 2 Trial - Post-Hoc Analysis of OCT Biomarkers –

Wet AMD eyes with intraretinal fluid (IRF) - poor prognosis

DAVIO enrolled four subjects with foveal IRF at Screening



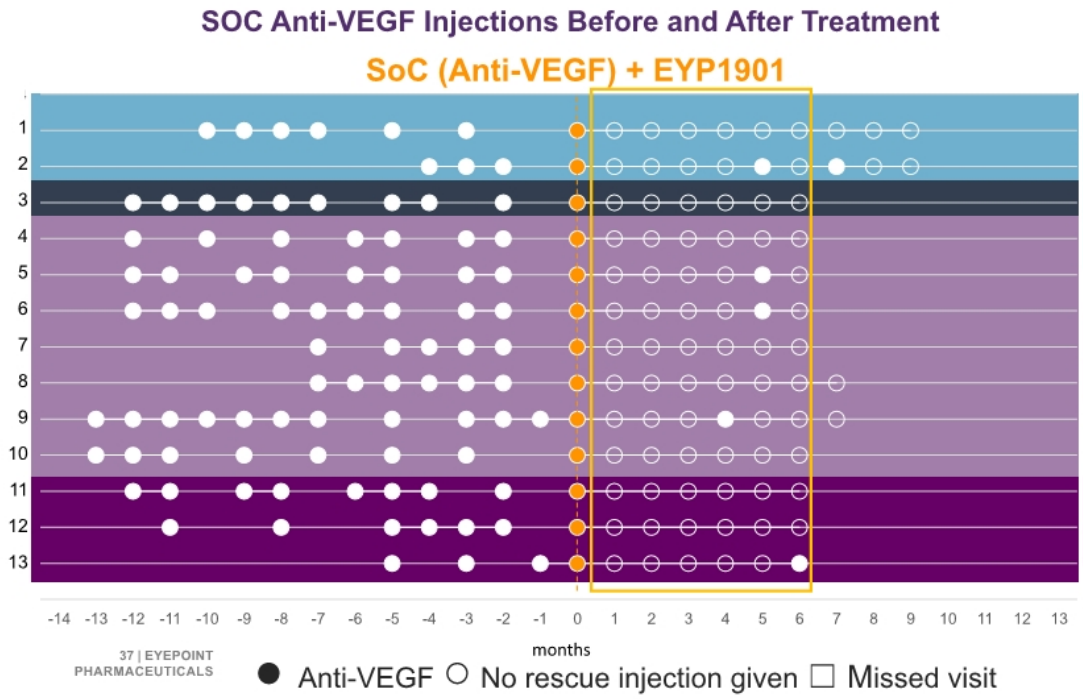
Post-hoc Analysis of Rescue-Free Rates for Eyes with No Foveal Intraretinal Fluid (IRF) - N=13



Interim data – monitored through 4 months

Post-hoc Results: 91% reduction in treatment burden

Excluding four patients with foveal intraretinal fluid at Screening

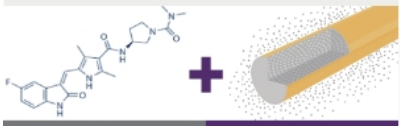


Average Monthly TX Burden	Prior period	6m period after	↓%
Low dose (n=2)	0.77	0.08	89%
Low-mid dose (n=1)	0.78	0	100%
Mid dose (n=7)	0.78	0.07	91%
High dose (n=3)	0.62	0.06	91%

Interim data – monitored through 4 months

PIPELINE

EYP-1901

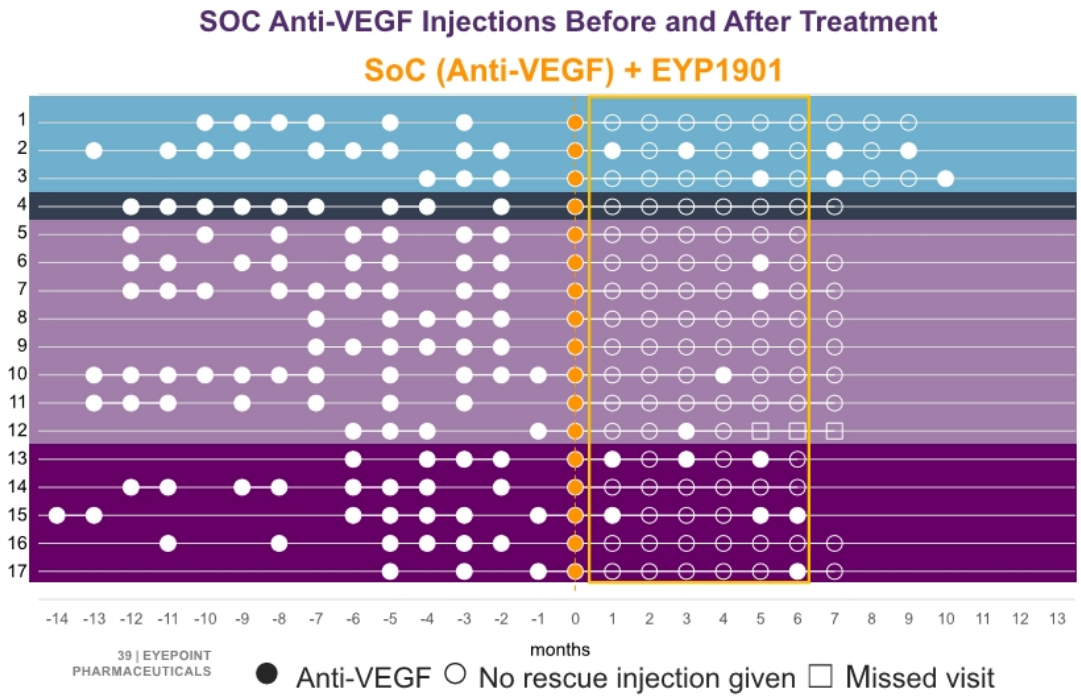


VOROLANIB | DURASERT

EyePoint 2022+ — Positioned to Transform the Ophthalmology Landscape

- Paradigm-shifting potential of DURASERT technology now demonstrated with multiple approved drugs and small molecule agents
  - Ability to harness technology for small molecule agents with different MOAs
  - Ability to tailor and control dosing frequency for specific indications and patient populations
  - Ability to inject multiple implants simultaneously
- Focus on executing multiple clinical POC studies for EYP-1901
- Apply new technological enhancements to DURASERT platform to further expand the scope and scale of new indications

Most Compelling Data from DAVIO - Clinically Significant Reduction in Treatment Burden of *79 % for the entire cohort*



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Interim data – monitored through 4 months


Delivering Innovation to the Eye
EyePoint
PHARMACEUTICALS