UNITED STATES SECURITIES AND EXCHANGE COMMISSION

WASHINGTON, D.C. 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): January 31, 2022

Ocuphire Pharma, Inc.

(Exact name of registrant as specified in its charter)

Delaware	001-34079	11-3516358
(State or other jurisdiction of incorporation)	(Commission File Number)	(IRS Employer Identification No.)
37000 Grand River Avenue, Suite 1200 Farmington Hills, Michigan		48335
(Address of principal executive offices)		(Zip Code)
Registrant's	telephone number, including area code: (2	248) 681-9815
(Former 1	N/A name or former address, if changed since l	ast report.)
Check the appropriate box below if the Form 8-K filing is intended General Instruction A.2. below):	led to simultaneously satisfy the filing obli	gation of the registrant under any of the following provisions (see
 □ Written communications pursuant to Rule 425 under the Sec □ Soliciting material pursuant to Rule 14a-12 under the Excha □ Pre-commencement communications pursuant to Rule 14d-2 □ Pre-commencement communications pursuant to Rule 13e-4 Securities registered pursuant to Section 12(b) of the Act: 	nge Act (17 CFR 240.14a-12) 2(b) under the Exchange Act (17 CFR 240.	
Title of each class	Trading Symbol(s)	Name of each exchange on which registered
Common Stock, \$0.0001 par value	OCUP	Nasdaq Capital Market
Indicate by check mark whether the registrant is an emerging gro of the Securities Exchange Act of 1934 (§240.12b-2 of this chapt If an emerging growth company, indicate by check mark if the refinancial accounting standards provided pursuant to Section 13(a	ter). egistrant has elected not to use the extender	e Securities Act of 1933 (§230.405 of this chapter) or Rule 12b-2 Emerging growth company d transition period for complying with any new or revised

Item 7.01 Regulation FD Disclosure.

On January 31, 2022, Ocuphire Pharma, Inc. (the "Company") will present new data and updates on its APX3330 and Nyxol clinical programs at its previously announced Virtual Investor R&D Day on January 31, 2022. The presentation is furnished as Exhibit 99.1 to this Current Report on Form 8-K and are incorporated by reference herein.

The information in this Item 7.01, including Exhibit 99.1 attached hereto, is being furnished, shall not be deemed "filed" for any purpose, and shall not be deemed incorporated by reference in any filing under the Securities Act of 1933, as amended, or the Securities Exchange Act of 1934, as amended, except as expressly set forth by specific reference in such a filing.

Item 9.01	Financial Statements and Exhibits.
(d) Exhibits	
Exhibit Number	Exhibit Description
<u>99.1</u>	Investor Presentation Materials, dated January 31, 2022.

SIGNATURE

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.

OCUPHIRE PHARMA, INC.

By: /s/ Mina Sooch

Mina Sooch Chief Executive Officer

Date: January 31, 2022







Ocuphire Pharma Investor R&D Day

January 31, 2022

Disclosures And Forward-Looking Statements

This presentation contains "forward-looking statements" within the meaning of the Private Securities Litigation Reform Act of 1995. Such statements include, but are not limited to, statements concerning the regulatory timelines, commercial timelines, cash runway, and future clinical trials in RM, presbyopia, NVD and DR/DME, including the potential for Nyxol to be a "best in class" presbyopia drop. These forward-looking statements are based upon the Company's current expectations and involve assumptions that may never materialize or may prove to be incorrect. Actual results and the timing of events could differ materially from those anticipated in such forward-looking statements as a result of various risks and uncertainties, including, without limitation: (i) the success and timing of regulatory submissions and pre-clinical and clinical trials, including enrollment and data readouts; (ii) regulatory requirements or developments; (iii) changes to clinical trial designs and regulatory pathways; (iv) changes in capital resource requirements; (v) risks related to the inability of Ocuphire to obtain sufficient additional capital to continue to advance its product candidates and its preclinical programs; (vi) legislative, regulatory, political and economic developments, (vii) changes in market opportunities, (viii) the effects of COVID-19 on clinical programs and business operations, (ix) the success and timing of commercialization of any of Ocuphire's product candidates and (x) the maintenance of Ocuphire's intellectual property rights. The foregoing review of important factors that could cause actual events to differ from expectations should not be construed as exhaustive and should be read in conjunction with statements that are included herein and elsewhere, including the risk factors detailed in documents that have been and may be filed by the Company from time to time with the SEC. All forward-looking statements contained in this presentation speak only as of the date on which they were made. The Company undertakes no obligation to update such statements to reflect events that occur or circumstances that exist after the date on which they were made.

The Company makes no representation or warranty, express or implied, as to the accuracy or completeness of the information contained in or incorporated by reference into this presentation. Nothing contained in or incorporated by reference into this presentation is, or shall be relied upon as, a promise or representation by the Company as to the past or future. The Company assumes no responsibility for the accuracy or completeness of any such information. This presentation also contains estimates and other statistical data made by independent parties and by us relating to market shares and other data about our industry. This data involves a number of assumptions and limitations, and you are cautioned not to give undue weight to such estimates. The trademarks included herein are the property of the owners thereof and are used for reference purposes only. Such use should not be construed as an endorsement of such products.



Ocuphire Investor R&D Day 1/31/22 Agenda & Speakers

Speakers	Agenda	Time (EST)
Mina Sooch, MBA President & CEO and Founder	Introductions & Company Overview Closing Remarks	10:00 am – 10:10 am 12:10 pm – 12:15 pm
Wark Kelley, PhD Peter Kaiser, MD David Boyer, MD	I. APX3330 DR/DME Program New Data	10:10 am – 10:50 am
Paul Karpecki, OD Mitchell Jackson, MD Bindu Manne	II. Nyxol Reversal of Mydriasis Program	10:50 am – 11:30 am
PeposeVision A Midwest Center for Sight	III. Nyxol Presbyopia Program	11:30 am – 12:10pm
Jay Pepose, MD, PhD James Katz, MD	Corey Davis, LifeSci Advisors will moderate Q&A	Ocuphire



Company Overview

Presenter: Mina Sooch, CEO, Founder of Ocuphire Pharma

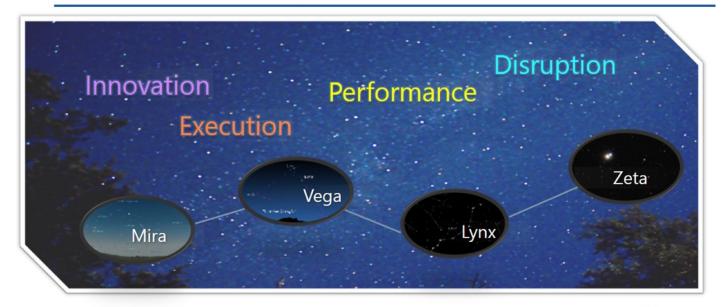


Mina Sooch M.B.A Harvard University

- Over 25 years of pharmaceutical and biotech experience as CEO, entrepreneur, venture capitalist and strategy consultant
- Successful track record of hundreds of millions of capital raise and leading private/public biotech companies
- Experience across multiple diseases (cardiovascular, oncology, renal, NASH, CNS, etc.) prior to ophthalmology
- Recipient of numerous awards including Deal Makers of the Year in 2016 and Alumni Commencement Speaker WSU College of Engineering in 2021

Ocuphire Pharma

Restoring Vision and Clarity for Your Eyes, Today and Tomorrow

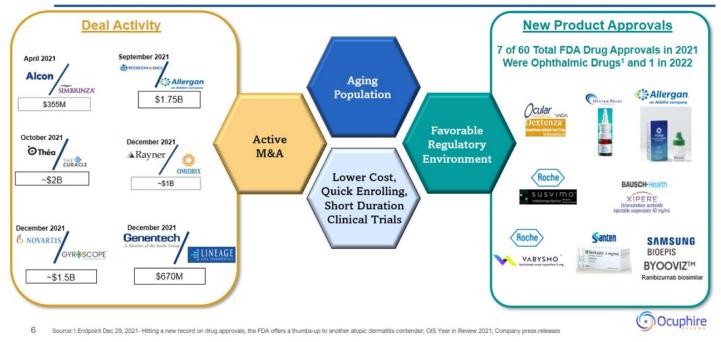




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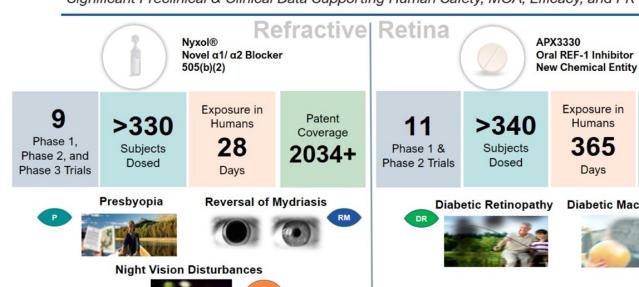
Ophthalmology - An Attractive Biotech Sector

Demographics, M&A, Regulatory Approvals and Efficient Trials Favor Ophthalmic Drugs



Nyxol & APX3330: Drug Development History and Patents

Significant Preclinical & Clinical Data Supporting Human Safety, MOA, Efficacy, and PK



Ocuphire

Patents to

2034+

Humans

365

Days

Diabetic Macular Edema

Ocuphire Pipeline & Clinical Milestones

Multiple Phase 3 & Phase 2 Clinical Data Readouts Anticipated Over the Next Year

Product Candidate	Indication	Pre-clinical	Phase 1	Phase 2	Phase 3	Regulatory Approval	Anticipated Milestones
0.75% Nyxol®	Reversal of Mydriasis				*		MIRA-3 Phase 3 data expected in early 2022 (n=330)
Eye Drop	(RM)				*		 MIRA-4 Pediatric safety study data expected in early 2022 (n=20)
0.75% Nyxol® + Low-Dose 0.4% Pilocarpine Eye Drops	Presbyopia (P)			*			□ VEGA Phase 3 program planned to initiate in mid 2022
0.75% Nyxol® Eye Drop	Dim Light or Night Vision Disturbances (NVD)				*		LYNX-1 Phase 3 data expected in early 2022 (n=140)
APX3330 Oral Pill	Diabetic Retinopathy (DR)/ Macular Edema (DME)			*			☐ ZETA-1 Phase 2b data expected in 2H22 (n=90-100)
APX2009 (Intravitreal or Local Delivery)	DME or Wet Age- Related Macular Degeneration (wAMD)				✓ Positive ★ Ongoing	data readout trial	☐ Seeking partner funding for IND enabling studies and further development

Note: 0.75% Nyxol (Phentolamine Ophthalmic Solution) is the same as 1% Nyxol (Phentolamine Mesylate Ophthalmic Solution)



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A Look Ahead Into 2022:

- Nyxol MIRA-3 P3 trial for RM EARLY 2022
- Nyxol Pediatric trial for RM EARLY 2022
- Nyxol LYNX-1 P3 trial for NVD EARLY 2022
- APX3330 ZETA-1 P2b trial for DR/DME 2H22
- NDA Filing for Nyxol for RM LATE 2022

RM = Reversal of Mydriasis NVD = Night Vision Disturbances DR/DME = Diabetic Retinopathy/Diabetic Macular Edema

Differentiated, Late-Stage Pipeline for Front and Back of the Eye

- ✓ Nyxol with > 330 patients treated across 9 trials (505(b)(2) regulatory pathway)
- ✓ APX3330 with > 340 patients treated across 11 trials (NCE development pathway)
- Nyxol and APX3330 achieved promising clinical data and favorable safety profile across multiple Phase 1, 2, and 3 trials

Poised for Commercial Success in Multiple Large Unmet Markets

- ✓ Addressing 4 large markets with unmet needs: RM, Presbyopia, NVD, and DR/DME
- √ Successful trial execution with 2 recent positive Phase 3 and Phase 2 data read-outs for Nyxol in RM and Nyxol + LDP Presbyopia, respectively
- ✓ Stable, small-molecule drugs with commercial scalability
- √ Robust and growing IP portfolio: US and global issued thru 2034 for both assets as well as new 2039 Nyxol patent issued for presbyopia

Many Catalysts in 2022 with Track Record of Execution

- ✓ \$24.5 million cash reported at 12-31-21 sufficient for operations into 2Q 2023
- √ Highly experienced management, Board and KOLs with broad ophthalmic and biotech drug development and commercialization success
- ✓ Lower-cost, fast-enrolling, shorter-duration clinical trials
- √ Favorable, precedent regulatory environment for ophthalmic drug approval
- ✓ Analyst coverage by Cantor, Canaccord, Jones Trading, Alliance Global, and HCW







I. APX3330 Program Update



INDIANA UNIVERSITY MELVIN AND BREN SIMON CANCER CENTER Mark Kelley, PhD Founder Apexian/APX3330



Cole Eye Institute Peter Kaiser, MD Harvard Medical School



Retina-Vitreous Associates Medical Group David Boyer, MD Chicago Medical School







APX3330 Chemistry and MOA

Presented by: Mark Kelley, PhD

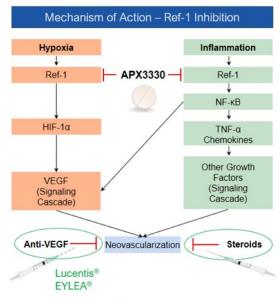


- · Chief Scientific Officer and Founder of Apexian Pharmaceuticals
- Discovered and has developed the redox-specific inhibitors of Ref-1 for over 20 years
- Associate Director of Basic Science at Indiana University Simon Comprehensive Cancer Center
- Betty and Earl Herr Professor of Pediatric Oncology Research, Indiana University
- · Fellow, American Association for the Advancement of Science



APX3330 History and Ref-1 Inhibition Mechanism

Ref-1 Involved in Multiple Key Pathways that Contribute to Diabetic Retinopathy and DME



- Ref-1 (reduction-oxidation effector factor-1) is a novel target discovered by Dr. Mark R. Kelley at Indiana University School of Medicine
- APX3330 is a small molecule oral drug candidate and a first-in-class inhibitor of Ref-1
- APX3330 previously developed by Eisai for multiple hepatic inflammatory indications and later by Apexian for advanced solid tumors
 - Similar oncology origin as approved anti-VEGFs
- MOA uniquely decreases both abnormal angiogenesis and inflammation by blocking pathways downstream of Ref-1



Logsdon et al (2018), Li et al (2014).

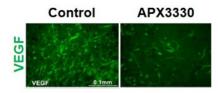


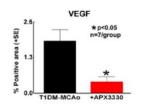
In vitro Validation of APX3330 Mechanism of Action



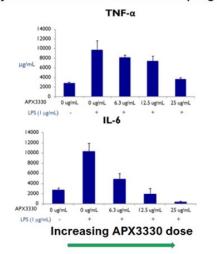
APX3330 Reduces VEGF levels and Inflammatory Cytokines; Provides Neuronal Protection

APX3330 reduces VEGF protein expression in preclinical stroke model

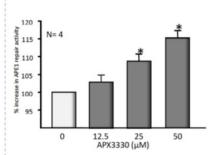




APX3330 reduces pro-inflammatory cytokines in LPS stimulated macrophages



APX3330 increases DNA oxidative repair and neuronal protection



APX3330 enhances Ref-1 endonuclease activity in dorsal root ganglion neurons

-Tao Yan et al. APX3330 Promotes Neurorestorative effects after stroke in type one diabetic rats. Aging and Disease. Vol 9, Oct 2018.
-Apurinic/Apyrimidinic endonuclease 1 regulates inflammatory response in macrophages. Jedinak A, Dudhgaonkar S, Kelley MR, Silva D. Anticancer Res. 2011 Feb;31(2):379-85. PMID: 21378315
-Fehrenbacher, J. C., Guo, C., Kelley, M. R. & Vasko, M. R. Divid Adamage mediates changes in neuronal sensitivity induced by the inflammatory mediators, MCP-1 and LPS, and can be reversed by enhancing the DN/ repair function of APE1. Neuroscience 366, 23-35, doi:10.1016/j.neuroscience.2017.09.039 (2017).

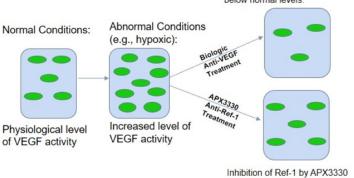


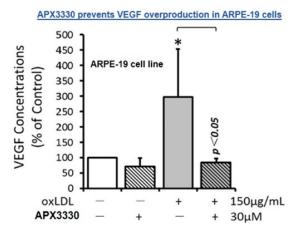


APX3330 VEGF Effects in Normal Cells

APX3330 Restores Normal Levels Unlike Biologic Anti-VEGFs that Reduce VEGF Below Normal

Biologic anti-VEGF agents inactivate VEGF directly and reduce VEGF levels below normal levels.





VEGF is a growth factor that is necessary for normal function of multiple cell types including vascular endothelium and neurons → By returning
 VEGF levels to normal, APX3330 can reduce neovascularization, vascular leakage and the inflammatory response without adverse systemic effects

returns VEGF levels to normal levels.

• The safety profile of APX3330 to date in over 300 subjects has not shown any of the adverse effects that has been seen with systemic administration of anti-VEGF biologics such as cardiovascular pathology, hypertension, arteriothrombotic events, or renal dysfunction





APX3330 Preclinical & IND-Enabling Studies

Extensively Evaluated in Over 20 Studies by Large Japanese Pharma Eisai



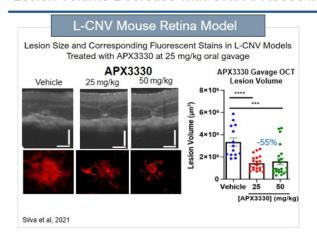
Extensively Studied in Over 20 In-Vitro and Animal Studies with Favorable Efficacy and Safety

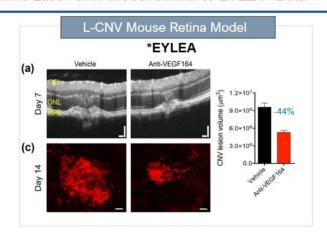




Preclinical Data: Oral APX3330 Blocks Neovascularization

Lesion Volume Decrease with Oral APX3330 in Murine Laser CNV Model Similar to EYLEA® Data





- Efficacy was also seen after single intravitreal injection of 20μM APX3330 in mouse L-CNV model**
- Efficacy was also seen after dosing intraperitoneal injection of 50 mg/kg twice daily, 5 days on/2 days off, for 2 weeks in mouse L-CNV model***
- ✓ Efficacy was also seen after single intravitreal injection of 20μM APX3330 in VIdIr * mice model****
- Silva et al. ARVO 2021 Annual Meeting
 "Published data on EYLEA. This study was performed independently from APX3330 study and is a cross-study comparison.
 "Li 2014; "** Pasha 2018; "*** Jiang 2011 (Vidir *: Very Low-Density Lipoprotein receptor knock-out mice)









APX3330 Human PK and Safety Summary

Presented by: Peter Kaiser, MD



Cleveland Clinic

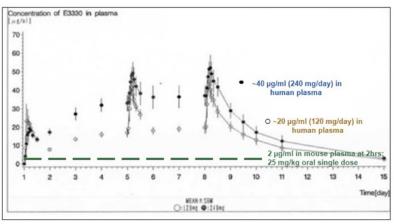
Peter Kaiser, MD Harvard Medical School

- Chaney Family Endowed Chair in Ophthalmology Research, Professor of Ophthalmology, Cleveland Clinic Lerner College of Medicine and Cole Eye Institute
- Clinical research expert, serving as a Study Chairman of 5 major, multi-center, international trials, and principal investigator for numerous studies for AMD, DR, and other retinal disorders.
- Major contributions to medical literature having authored 7 textbooks, more than 250 peer-reviewed papers
- Recognized by American Academy of Ophthalmology and American Society of Retina Specialist with Senior Achievement Awards.



Phase 1 Clinical Trials: PK Data Supporting the ZETA-1 Trial

APX3330 has Oral Bioavailability and a Sustained PK Profile



- **Favorable Oral Bioavailability**
- **Sustained Pharmacokinetic Profile**
 - T_{max} 3-4 hours
 - Linear dose-proportional PK
 - Dose-proportional increase in C_{max}/AUC exposure
 - Half-life elimination of 45 hours (steady state [SS] 5-6 days)
 - Meals have no clinically meaningful impact on the PK of orally administered APX3330

Sufficient APX3330 Exposure

Plasma levels observed after 120 and 240 mg/day dosing is multiple times higher than what was required for efficacy in preclinical studies → planned clinical dose is 600 mg/day



Apexian preclinical data (unpublished) APX3330 Investigator Brochure Eisai PK clinical data APX_CLN_0002



Phase 1/2 Clinical Trials: PK Data Supporting the ZETA-1 Trial

APX3330 Reaches the Retina via Oral Administration

Does oral administration of APX3330 reach the retina in sufficient concentration?



Orally administered, radiolabeled APX3330 reaches high levels in rat eye



25 mg/kg APX3330 oral gavage measured in mouse retina



Human clinical dose: 300 mg BID (600mg/day total)

Established PBPK model using human data predicts APX3330 reaches sufficient human retinal concentrations

APX3330 is orally bioavailable & detectable in mouse and rat retina

Preclinical PK and PBPK human modeling support 600 mg/day dosing for clinical development







Subject Exposure Across 11 Prior Clinical Trials



Over 2000 Subject-Days of Exposure at ≥600 mg/day

	11 Trials Prior to ZETA-1					
Dose:	≥600 mg/day APX3330	<600 mg/day** APX3330				
Total Subjects	34* Subjects	328* Subjects				
Subject-Days of Exposure	2078 Subject-days	17961 Subject-days				
Subjects with ≥21 days of exposure	16 Subjects	245 Subjects				
Subjects with >300 days of exposure	3 Subjects	N/A				

^{*18} subjects in dose escalation trials received doses <600mg/day and ≥600mg/day and are included in both columns, resulting in greater than 340 subjects;



^{**}Many of the subjects between 20-240



Safety Summary From Phase 1 and Phase 2 Studies



Low AEs Across 11 Trials, <5% Mild Drug Related AEs, Discontinuations Similar Across Arms

Integrated	d Overall Summary o	of Adverse Events in E	isai Phase 2 Studies (He	patitis)	
	APX3330 2 (N=2		Plac (N=		
	n (%)	# events	n (%)	# events	
Any event	40 (16.9%)	52	11 (16.2%)	15	
Mild or Moderate adverse Events	39 (16.5%)	50	9 (13.2%)	13	
Serious adverse events	1 (0.4%)	2	2 (2.9%)	2	
Adverse events leading to discontinuation	10 (4.3%)	16	5 (7.4%)	7	

% = proportion of subjects relative to N, where n = number of subjects with an event and N = the number of subjects in the enrolled population.

Note: This table was generated by Eisai which has slightly different event and sample size counts than the Ocuphire analysis. Ocuphire will be creating an integrated safety database. The overall conclusions between the Eisai and Ocuphire analyses are the same.

Totals Across ALL Phase 1 and Phase 2 Studies (Among Healthy Subjects, Hepatitis Patients, and Oncology Patients)					
APX3330 Placebo					
Diarrhea/Soft Stool (mild)	14/346 (4%)	2/95 (2%)			
Rash/Pruritis (mild)	14/346 (4%)	1/95 (1%)			





APX3330 Product Candidate Profile for Multiple Retinal Indications

First-In-Class Ref-1 Inhibitor with Favorable Human Safety Data

APX3330: Well-tolerated Oral Dose up to 600mg/day Twice Daily Dosing					
Expected Efficacy Data	Favorable Safety Profile				
Improving Eye Health in Diabetics ↓ Inflammation ↓ Abnormal Angiogenesis	Few Systemic Adverse Effects				
Enhance Compliance & Exposure Oral pill may reduce the burden of frequent anti-VEGF injections	Cardiovascular (BP, HR) Kidney Neurologic Pulmonary No Ocular Effects No observed ocular AEs				









APX3330 Addressing Unmet Needs in Retina

Presented by: Peter Kaiser, MD

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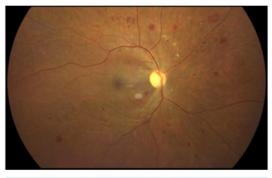


Clinical Unmet Need in Diabetic Retinal Diseases

Increasing Prevalence of DR with No Early Intervention Options

The Problem

- DR/DME are major causes of vision loss in working aged adults
- Diabetic population expected to increase dramatically worldwide
- Approved therapies for DR are effective but require IVT injection
- DR patients are not routinely treated with approved injectable anti-VEGF drugs until they develop center-involved DME or PDR
 - DR progresses resulting in vision loss
- Early, noninvasive intervention targeting DR represents a therapeutic unmet need



Growing Incidence of Diabetes and DR					
Diabetes	34 M US >450 M WW				
DR	7 M US >150 M WW				

DR/DME affects about 1 in 4 people with type 1 and type 2 diabetes¹



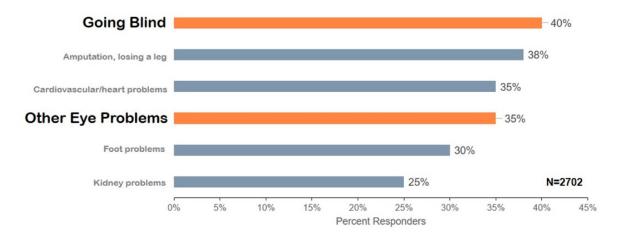
American Diabetes Association; International Diabetes Federation; Healthline
24 Das UN. DME, retinopathy and age-related macular degeneration as inflammatory conditions. Arch Med Sci. 2016;12(5):1142-1157. doi:10.5114/aoms.2016.61918



Diabetic Retinopathy is a Progressive, Vision Threatening Disease

Losing Vision is Diabetic Patients Top Concern

What are the top concerns for diabetic patients?







Key Clinical Landscape in Diabetic Retinopathy (and DME)

Intravitreal Injection the Focus for Drugs in Development; Ocuphire Pioneering an Oral Option

Company	Drug	Target/MOA	Route of Administration	Pre-clinical	Ph1	Ph2	Ph3	Commercial	2021 Annual Sales (US/Ex-U.S.)
Regeneron/Bayer	Eylea (aflibercept)	VEGF-A/B; PIGF	Intravitreal (DR & DME)	✓	√	√	1	✓	~\$6 B/ ~\$4 B
Roche/Novartis	Lucentis (ranibizumab)	VEGF-A	Intravitreal (DR & DME)	✓	1	1	✓	✓	~\$1.5 B/~\$2 B
Roche	Ranibizumab PDS	VEGF-A	Surgical/Refill (DME)	-	✓	✓	√	Oct 2021	
Roche	Faricimab	VEGF-A x Ang2	Intravitreal (DME)	✓	✓	✓	✓	√ Jan 2022	
Kodiak	KSI-301	VEGF	(DR & DME)	✓	✓	N/A	0		
Kalvista	KVD001	Plasma Kallikrein	Intravitreal (DME)	✓	√	✓			
Eli Lilly	LY333531	Protein Kinase C inhibitor	Oral (DR)	✓	✓	✓	X 2006		
Ocuphire	APX3330	Ref-1 inhibitor	Oral (DR)	1	1	0			
Bayer	BAY1101042	Guanylate Cyclase activator	Oral (DR)	✓	✓	0			
Alkahest	AKST4290	CCR3 Eotaxin inhibitor	Oral (DR)	✓	✓	0			
Roche	RG7774	CB2 Receptor	Oral (DR)	✓	✓	0			
Boehringer Ing.	BI 1467335	AOC3	Oral (DR)	✓	✓	X 2021			
Rezolute	RZ402	Plasma Kallikrein	Oral (DME)	✓	√				
OcuNexus	HCB 1019	Connexin 43 (inflammasome)	Oral (DR)	✓	✓				
OcuTerra	OTT166	Integrin inhibitor	Eyedrop (DR)	√	1				



[✓] Completed
○ Recruiting
X Discontinued/Failed study







ZETA-1 Phase 2b Clinical Trial (APX3330 in DR)

Presented by: David Boyer, MD



Retina-Vitreous Associates Medical Group

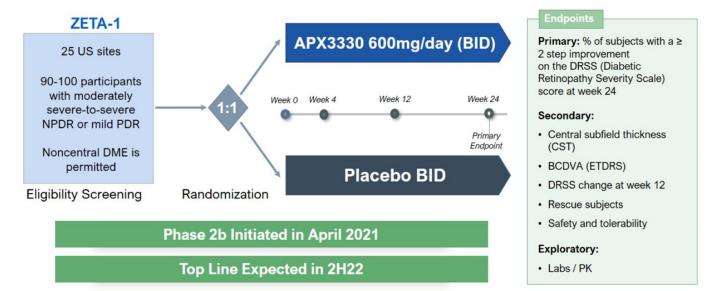
David Boyer, MD Chicago Medical School

- Board-certified Ophthalmologist specializing in treatment of retinal and vitreous diseases
- Widely-published author and internationally recognized lecturer on retinal research and innovative approaches
- Investigator in numerous innovative product retinal trials over the last 35 years



DR/DME ZETA-1 Phase 2b Design

Ongoing, Randomized, Double-Masked, Placebo-Controlled 24-Week Trial (Similar To Eylea P3 DR Trial)



NPDR = non-proliferative diabetic retinopathy (which includes non centrally involved diabetic macular edema) PDR = proliferative diabetic retinopathy (which includes non centrally involved diabetic macular edema) https://clinicaltrials.gov/ct2/showNCT046926897emm=ZETA-fAddraw=Z8ranfe





Key Eligibility Criteria in ZETA-1

Given Bilateral Treatment with Oral, Patient Criteria Allows DME in Fellow Eye

INCLUSION

- Moderately-severe to severe NPDR or mild PDR in study eye as confirmed by reading center
- BCVA ≥ 20/63 in study eye

EXCLUSION

- Retinopathy from causes other than diabetes in study eye
- Presence of center involved diabetic macular edema (DME) defined as a central subfield thickness (CST) ≥ 320 µm on SD-OCT or the presence of intra- or subretinal fluid within the central subfield
 - Center involved DME in the fellow eye is allowed
- Prior treatment in study eye with focal/grid laser photocoagulation within the past year, PRP at any time, systemic or intravitreal anti-VEGF agents within last 6 months in study eye
- HbA1c ≥ 12.0%
- Clinically significant systemic disease (e.g., uncontrolled diabetes, myasthenia gravis, cancer, hepatic, renal, endocrine, or cardiovascular disorders) that might interfere as deemed by Investigator



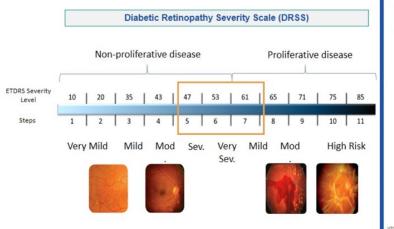
ZETA-1 Clinical Trial

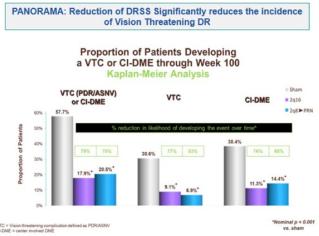


Why DRSS is an Important Endpoint?



FDA Accepted Endpoint for EYLEA® in PANORAMA Pivotal DR Trial - 2 Step Improvement on the DRSS Score at Week 24





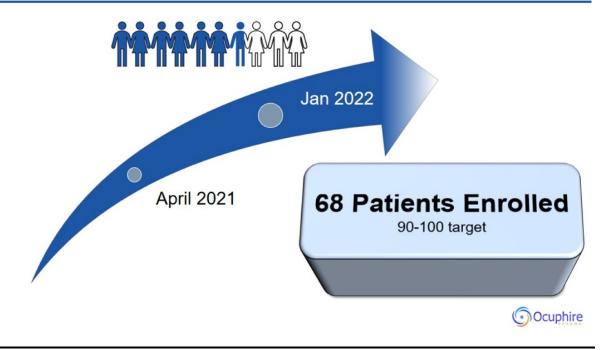
Risk of vision-threatening events increases with worsening step progression













Comparison of Subject Exposure Before and After ZETA-1



Subject-Days of Exposure at 600 mg/day Substantially Increases Exposure Data

	≥600 r	<600 mg/day**	
	Prior to ZETA-1	To Date*	Prior to ZETA-1
Total Subjects	34	+34 68	328
	Subjects	Subjects	Subjects
Subject-Days of Exposure	2078	+3727 5805	17961
	Subject-days	Subject-days	Subject-days
Subjects with ≥21 days of exposure	16	+27 43	245
	Subjects	Subjects	Subjects
Subjects with >300 days of exposure	3 Subjects	3 Subjects	N/A

^{*}Assumed 50% of ZETA-1 patients are on active treatment



^{**}Many of the subjects between 20-240 mg/day



Baseline Characteristics for ZETA-1 Trial (Interim)



Typical Demographics for Diabetic Population

Parameter	Total N = 68	
Age (years): mean (range)	55 (24-81)	
Sex: Male n (%) Female n (%)	34 (50%) 34 (50%)	
Weight (kg): mean (range)	84 (54-123)	
BMI (kg/m²): mean (Range)	30 (21-40)	
Systolic BP (mmHg): mean (range)	137 (100-172)	
Diastolic BP (mmHg): mean (range)	80 (53-104)	
Heart rate (BPM): mean (range)	76 (51-96)	





Masked Safety Findings from Ongoing ZETA-1 Trial



Favorable Safety Profile (as of 1/12/2022) Observed with 600 mg Oral Daily Doses



APX3330 Masked Safety Data ZETA-1 Trial 68 Randomized

Subjects

Subject-Days of Exposure

(50% on APX3330)

Subjects with AEs (52 total events)

SAEs, all unrelated to study medication

- · 52 TEAEs in 28 subjects
 - 6/52 AEs were considered probably or possibly related to study medication
 - 4 Mild (vertigo, rash, pruritus, frequent bowel movements); 2 moderate (DME*, diarrhea**)
 - 46/52 AEs were 'not' or 'unlikely' related (32 mild, 14 moderate)
- · 6 SAEs in 6 subjects
 - None of these treatment emergent events were related to study medication
 - Cellulitis, dyskinesia, transient ischemic event, COVID-19, progression of multivessel coronary artery disease, cholecystitis
- Only 2 subjects have withdrawn from study due to AEs: vasovagal near syncope** considered unrelated to study medication and DME* possibly study medication related (APX3330 or placebo)

*same subject: **same subject

Note: ZETA-1 Interim Data as of database 1/12/22 with complete monitoring before final database lock





Takeaways: Masked Interim Safety Findings from ZETA-1 Trial



- ~70% completion of enrollment in 24-week ZETA-1 Phase 2b Trial
- No major organ toxicities (liver, heart, kidney, brain, lung) or vital sign abnormalities (blood pressure or heart rate) were observed
- Incidence of mild rash and diarrhea in the diabetic patient population is lower than previously observed in hepatitis patients



Review of masked safety data for 600 mg/day daily dose is consistent with the favorable safety profile seen in previous studies with APX3330



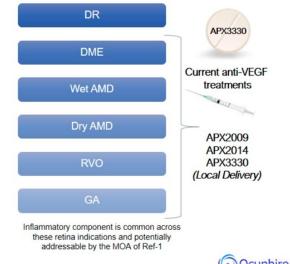


Broad Opportunities to Treat Retinal Diseases with APX Platform

APX3330 May Treat Patients Across Retinal Diseases as Single Agent or Adjunctive Therapy

Potential Differentiated Solution

- Potential First Oral Rx for Retina Diseases
 - First-line earlier intervention for the diabetic eye
 - Add-on therapy to current anti-VEGF treatments to reduce intravitreal injection burden
- Proven Novel Mechanism
 - May decrease both inflammation and angiogenesis
- Convenient Daily Regimen
- Favorable Oral Safety Profile
 - As seen in 11 completed Phase 1 and Phase 2 clinical trials
- Improve Patient Compliance
 - Potentially alleviate the frequent burden of injections



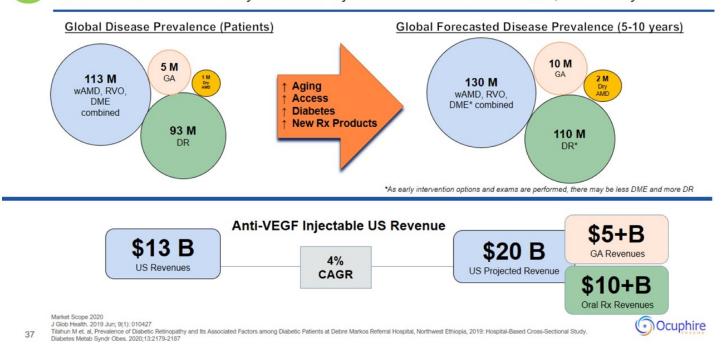


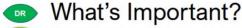
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Large Global/US Market Opportunity in Retinal Disease

Retinal US Markets Served by Anti-VEGF Injections Alone are Greater than \$10B+ Today







APX3330 has the Potential to be 1st Line of Therapy for DR Patients

Efficacy Signal

Percent of patients on APX3330 with a \geq 2 step improvement on the DRSS score at week 24 **compared to placebo** in 2 well-controlled, multicenter clinical trials

Safety

Approval depends on a product's benefit outweighing its risks in the intended population as demonstrated in, multi-center, 2 years clinical trial

Non-Invasive Treatment Option

FDA does not require comparative arm of approved anti-VEGF injections such as Eylea for DR

FDA Guidance

> Physician/ Patients

Efficacy Signal

- Clinically meaningful decrease in diabetic retinopathy severity with APX3330
- Early intervention with oral may reduce progression to vision threatening DR into DME

Safety

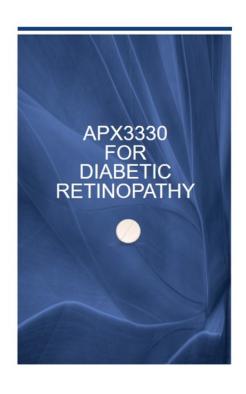
- · No major organ toxicities
- Well-tolerated (e.g., AEs acceptable if mild and infrequent for oral)

Non-Invasive Treatment Option

- Eylea®, although approved, is currently not used as standard of care because of the treatment burden for asymptomatic DR patients
- Ability to be prescribed by all eye care doctors
- Oral option increases global access, especially in underserved regions
 Ocuphire

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Eylea® label; APX3330 Investigator Brochure, ZETA-1 clinical trial



Question & Answer



Summary of APX3330 Program





APX3330 is a novel orally administered drug initially being developed for DR/DME



APX3330 targets Ref-1 which plays a role in signaling under both ischemic and inflammatory conditions, both of which are relevant to diabetic eye disease; resulting in inhibiting clinically validated pathways downstream of Ref-1(e.g., VEGF and inflammation)



ZETA-1's masked safety findings as of 01/12/2022 support favorable safety profile of APX3330 as an oral treatment option for DR consistent with 11 prior Phase 1 and 2 clinical trials



APX3330 randomized, double-masked, placebo-controlled, multi-center ZETA-1 Phase 2b trial enrollment on track at 68 subjects (of 90-100 subjects) with results expected in second half of 2022



Oral APX3330 has potential **utility as adjunctive treatment with anti-VEGF injections for other retinal vascular/inflammatory diseases** such as DME, GA, RVO and AMDs; future opportunities with APX2009/2014 pipeline locally or orally delivered









II. Nyxol Reversal of Mydriasis Overview











Bindu Manne
Head of
Commercialization







Reversing Dilations: Addressing an Unmet Need with $\alpha 1$ Blocker Nyxol

Presented by: Paul Karpecki, OD





Paul Karpecki, OD Indiana University

- Director of Cornea Services for Kentucky Eye Institute, Gaddie Eye Centers, Midwest Center for Sight
- Associate Professor at the Kentucky College of Optometry and Board Member of Optometry Giving Sight
- Medical Director for KEPLR Vision and Dry Eye Institutes of Kentucky and Indiana
- Chief Medical Editor for Review of Optometry, Chairman of the NTT Conferences



Problem: Dilated Eyes for Exams and Procedures

Patients Report Significant Side Effects after Dilated Eye Exam

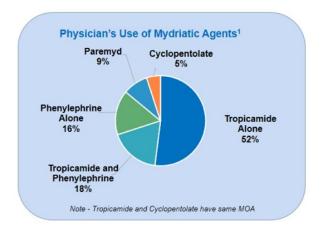
The Problem

Pharmacologically-induced pupil dilation is a necessary tool for routine ophthalmoscopy...

...but there is 6 to 24 hours of impaired vision including:

- · Inability to Focus
- · Photophobia (sensitivity to light)
- · Cycloplegia (loss of accommodation)
- · Difficulty Reading and Driving
- · Halos and Glare





NO REVERSAL DROPS
COMMERCIALLY AVAILABLE

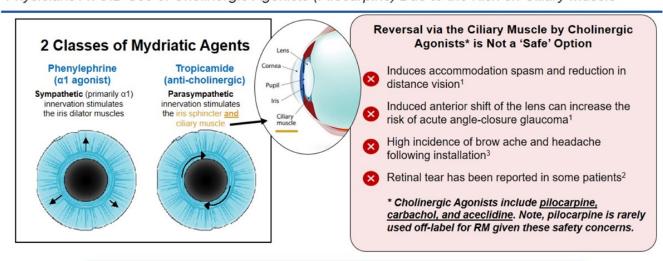


1. GlobalData Market Research Survey; Oraverse and Regitine Label

RM

Current Off-Label Landscape for RM

Physicians AVOID Use of Cholinergic Agonists (Pilocarpine) Due to the Risk on Ciliary Muscle



Nyxol® is the only eye drop in clinical development for multiple indications that does not affect the ciliary muscle

- 1. Optician (2012)- Mydriatic Drugs: Practical Considerations
- 2. Pilocarpine FDA Label (2017)
- 3. Lee DA, Higginbotham EJ, 2005. Glaucoma and its treatment: a review. Am J Health Syst Pharm 62, 691-699.





Nyxol's Differentiated MOA as an Alpha-1 Blocker

Phentolamine Mesylate Reformulated as a Proprietary Topical Eye Drop → Nyxol

Phentolamine Mesylate is the Active Ingredient in Nyxol: a Non-selective $\alpha 1 \& \alpha 2$ Antagonist				
Blocking α1 Reduces Pupil Size		Blocking α1 Dilates Blood Vessels		
Iris Dilator Muscle Iris Sphincter Muscle	Nyxol blocks α1 receptors only found on the Iris Dilator Muscle ↓ Decreases Pupil Size (Moderate Miosis) without Affecting the Ciliary Muscle	Phentolamine mesylate is approved for 2 indications: Regitine® (Pheochromocytoma) – intravenous injection approved in 1952 OraVerse® (Reversal of oral anesthesia) – intramuscular injection approved in 2008		





Nyxol Product Candidate Profile

Novel, Differentiated Alpha 1/2 Blocker Eye Drop for Refractive Indications

Nyxol: 0.75% Phentolamine Ophthalmic Solution Preservative Free, EDTA Free, and Stable					
Effective	Effective Favorable Safety Profile				
Nyxol Improves Vision by Decreasing Pupil Size (1 to 1.5mm) ↑ Near & Distance Visual Acuity	No Systemic Effects No Changes in Blood Pressure No Changes in Heart Rate Well-Tolerated Topical Effects Mild, Transient, Reversible Eye	Effects Last ≥ 24 Hours Chronic daily dosing of Nyxol at bedtime reduced pupil size for up to 24 - 36 hours With nighttime use, patients			
↑ Contrast Sensitivity (night)	Redness IOP Unchanged or Decreased	wake up without eye redness			
	No Headaches Favorable safety profile vs competitors				









Nyxol Clinical Data for Reversing Dilations

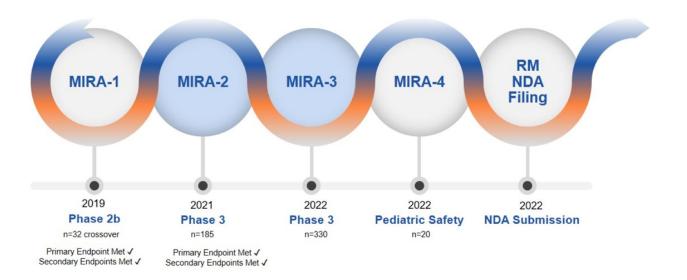
Presented by: Paul M. Karpecki, OD

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MIRA Program Evaluating Nyxol for the Reversal of Mydriasis

Efficient Clinical Programs have Positioned Ocuphire to Target NDA Filing in Late 2022

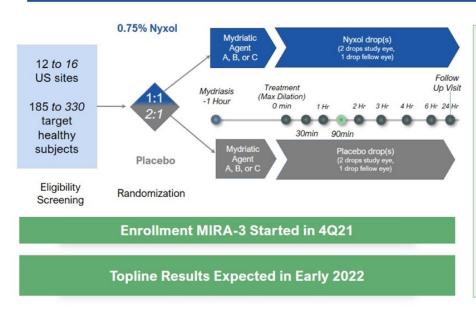






MIRA-2/3 Phase 3 Registration Trial Design

Randomized, Double-Masked, Placebo-Controlled, Parallel, One-Day Trial



Endpoint

Primary: % of subjects (study eye) returning to baseline (within 0.2 mm) photopic pupil diameter (PD) at 90 min

Secondary:

- % of subjects returning to baseline at 0min, 30min, 1h, 90 min 2h, 3h, 4h, 6h, 24h (overall, by mydriatic agent, by iris color)
- Mean change in pupil diameter at all timepoints
- Accommodation (Tropicamide/Paremyd)
- · Visual acuity & discomfort w/ glare
- Pupillary light reflex
- Safety and tolerability (redness)



Mydriatic Agents 3:1:1 - 2.5% phenylephrine (alpha-1 agonist), 1% tropicamide (cholinergic blocker), Paremyd® (combination)



MIRA-2: Participant Characteristics

MIRA-2 Study was Balanced Across Both Nyxol and Placebo Groups

	MIRA-2 Phase 3 Trial		
	Nyxol n=94	Placebo n=91	Total n=185
Age (years): Median (Range)	31 (12-70)	30 (13-73)	31 (12-73)
Sex: Male n (%) Female n (%)	36 (38%) 58 (62%)	36 (40%) 55 (60%)	72 (39%) 113 (61%)
Race: White n (%) African American n (%) Asian n (%) Other^n n (%) ^includes American Indian or Alaska Native; Native Hawaiian or Other Pacific Islander	70 (75%) 17 (18%) 6 (6%) 2 (2%)	74 (81%) 16 (18%) 3 (3%) 1 (1%)	144 (78%) 33 (18%) 9 (5%) 3 (2%)
Dark Iris Color: n (%)	49 (52%)	46 (51%)	95 (51%)
Light Iris Color: n (%)	45 (48%)	45 (50%)	90 (49%)
Baseline Pupil Diameter Mean (mm)	5.09	5.18	5.13
Max Dilated Pupil Diameter Mean (mm)	7.21	7.20	7.20
Accommodation Median (diopters)	7.28	7.41	7.41

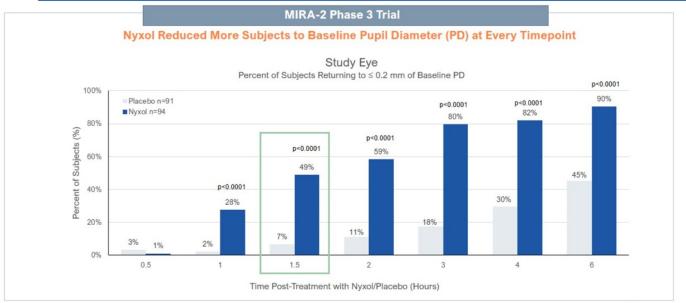
Note: 14 pediatric subjects 12-17 years old were enrolled in the trial; Race is more than 100% given subjects could check more than one category.

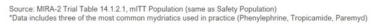


RM

MIRA-2: Phase 3 RM Trial Met Primary Endpoint

49% of Patients Returned to ≤ 0.2mm of Baseline at 90 Minutes



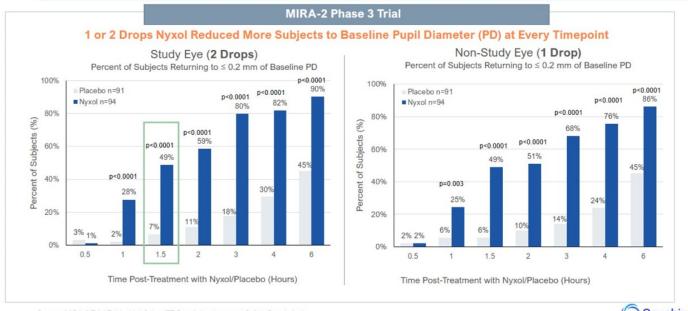




RM

MIRA-2: Study Eye and Non-Study Eye

Similar Rapid Return to Baseline Pupil Size Results with 1 or 2 Drops of Nyxol



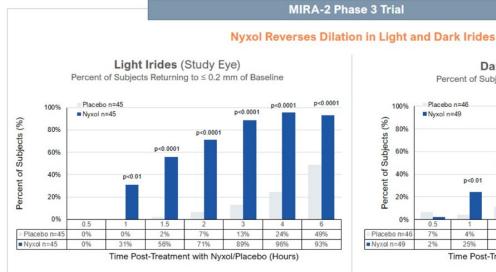


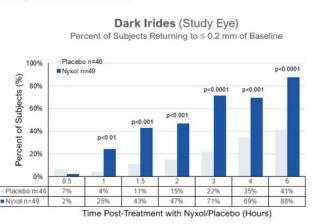
Source: MIRA-2 Trial Table 14.1.2.1, mITT Population (same as Safety Population) *Data includes three of the most common mydriatics used in practice (Phenylephrine, Tropicamide, Paremyd)



MIRA-2: Responders Returning to Baseline Pupil Size by Iris Color

Nyxol Works in Subjects with Both Light and Dark Irides, with a More Vigorous Response in Light Irides





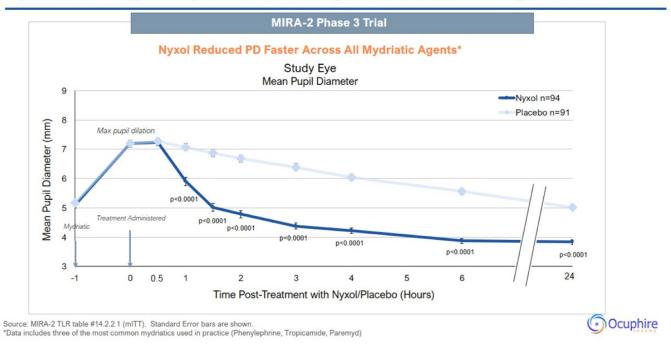
Source: MIRA-2 TLR table #14.2.1.6 (mITT)
*Data includes three of the most common mydriatics used in practice (Phenylephrine, Tropicamide, Paremyd)





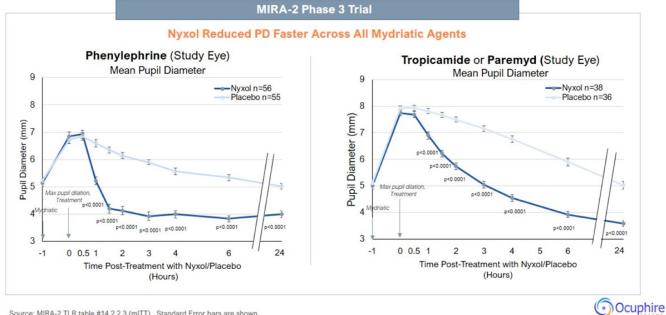
MIRA-2: Mean Pupil Size Over Time After Maximum Pupil Dilation

Nyxol Treatment Significantly Reduced PD Starting at 1 Hour Post-Dose through 24 Hours



MIRA-2: Mean Pupil Diameter Over Time by Mydriatic Agent

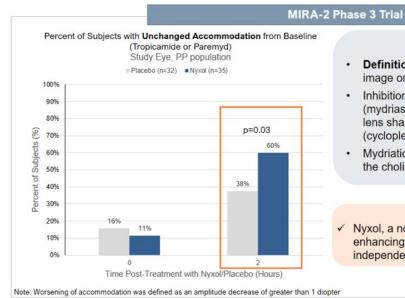
Nyxol Reduced Pupil Diameter with All Mydriatic Agents; More Rapidly with Phenylephrine as Expected



Source: MIRA-2 TLR table #14.2.2.3 (mITT). Standard Error bars are shown.

MIRA-2: Gain of Visual Function (Accommodation)

Nyxol Demonstrates a Faster Return to Baseline Accommodation



Accommodation

- Definition: Changing optical power to maintain a clear image or focus on an object as the distance varies
- Inhibition of the cholinergic system dilates the pupil (mydriasis) and relaxes the ciliary muscle, which adjusts the lens shape and thickness, worsening accommodation (cycloplegia) and causing latent refractive errors to manifest
- Mydriatic agents including Tropicamide and Paremyd inhibit the cholinergic system; not seen with Phenylephrine

Nyxol

 Nyxol, a non-selective, alpha-1 antagonist, constricts the pupil enhancing depth of focus by blocking unfocused peripheral light, independent of the ciliary muscle

Source: MIRA-2 CSR table #14.2.3.2.1. PP population is the per protocol population.

Patel (2011). Pseudoaccommodation. International Ophthalmology Clinics, 51(2), 109–118.





MIRA-2: Safety Findings (After Dilation with Mydriatic Agent)

Nyxol was Well Tolerated with a Favorable Safety Profile

	Nyxol n=94	Placebo n=91	Total n=185	
Total Treatment Emergent Adverse Events (n)	113	31	144	There were no deaths, serious
TEAEs by Severity (n [%]) Mild Moderate Severe	47 (50%) 3 (3%) 0 (0%)	15 (17%) 0 (0%) 0 (0%)	62 (33%) 3 (2%) 0 (0%)	AEs, or withdrawals due to AEs 94% of the AEs in the Nyxol group were mild
AEs Occurring in ≥ 5% of subjects (n [%]) Instillation Site Discomfort Conjunctival Hyperemia	36 (38%) 12 (13%)	8 (9%) 0 (0%)	44 (24%) 12 (7%)	Installation site discomfort was 979 mild; No burning, no stinging, no ptosis upon installation
Conjunctival Hyperemia (mean [SD]) Baseline (-1 hour) 60 minutes after instillation of Nyxol 4 Hours after instillation of Nyxol	0.7 (0.6) 1.7 (0.5) 1.2 (0.7)	0.7 (0.5) 0.5 (0.5) 0.5 (0.5)	 	From a baseline mean of 0.7, the mean hyperemia score increased by approximately 1.0
Conjunctival Hyperemia Grading Scale (CCLRU)				unit (on a 4-point scale) at 60 minutes post-dose and decreased steadily thereafter



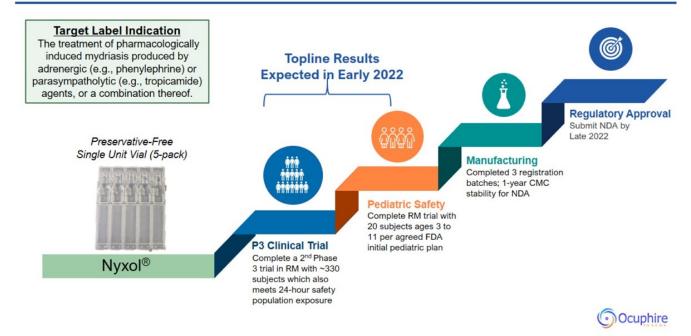
Source MIRA-2 Safety Population TLR table 14.3.1.1.; MIRA-2 table 14.3.1.2.2 System Organ Class; MIRA-2 table 14.3.3.2 Hyperemia Score by Time Point

Mild (+1)



NDA Submission Targeted in Late 2022

Ongoing Activities Sets Ocuphire on Path to a Potential Regulatory Approval in 2023



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What's Important?

Nyxol has the Potential to be the only FDA-Approved Treatment Option to Reverse Dilation

Efficacy Signal

- Statistically significant percent of subjects on Nyxol compared to placebo returning to baseline (within 0.2 mm) photopic pupil diameter (PD) at 90 min demonstrated in 2 well-controlled, multicenter clinical trials
- · Precedent set with RevEyes Approval

Safety

- · Well-tolerated drop
- · No significant ocular or systemic AEs or SAEs

Label Expansion

 Opportunity to expand label with ongoing pediatric trial in kids 3 years and up given safety shown in dental reversal approval for phentolamine



Physician/ Patients

Efficacy Signal

- Compelling magnitude of response compared to placebo with statistical significance
- · More rapid response with Nyxol vs. placebo
- · Works in all iris colors
- · Works across all commonly used mydriatic agents

Safety

- · No systemic side-effects such BP, HR, headache
- Mild, transient hyperemia is acceptable and common in R_x drops

Patient Experience

- · Patients desire more rapid return to normal activities
- · Patients actively asking for 'reversal' drops
- · Patients want a comfortable experience post-dilation
- Patients more likely to maintain their annual exams if option to reverse dilation is presented



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RM Market Opportunity and Commercialization

Presented by: Mitchell Jackson, MD





Mitchell Jackson, MD University of Chicago

- · Founder and CEO of Jacksoneye in Illinois
- 29 years of experience as a Comprehensive Ophthalmologist
- 2021 Best Cataract Surgeon in America
- 2021 Top 50 Global Key Opinion Leaders (KOL)



Patients are Vocal About the Negative Effects of Mydriasis

"I hate having my eyes dilated" generated thousands of results on Google, Social Media and Patient Forums

"It takes all day or sometimes overnight to return to normal! I have too much to do!"

"I hate going to the eye doctor. Ruins my whole day."

"I HATE having my eyes dilated. Every time=migraine"

"I have to visit my retina MD for my monthly injections, where I am dilated. Being dilated every month is a huge burden on my day."

"Ever since I was a little kid, I have hated getting my eyes dilated. I hate trying to walk, let alone try to drive in the sun with dilated eyes."

"I had a premium cataract procedure by my MD, and I was unable to see clearly for two days. My doctor said it was due to my dilation. I did not expect my dilation to last that long.'



Quotes are from anonymous patients



Importance of Dilations

Dilated Eye Exam Remains the Recommended Standard of Care













Patient Types For Dilation

- · Patients with or at-risk for glaucoma, diabetes, AMD,
- Patients undergoing cataract evaluation
- Patients undergoing refractive evaluation (includes first or annual exams)
- · Patients receiving anti-**VEGF** injections
- Anyone over the age of 60 or other risk populations

Reasons Patients Decline

Advocacy

- · Blurry vision
- Photophobia
- Headaches
- · Loss of accommodation
- Allergic reactions
- · Digital strain
- Phobia
- Lifestyle
- Work

Non-Dilated Exam

- · Ultra-Widefield Imaging (UWFI) Tool
- Barriers:
- Capital Equipment Cost
- Training time
- Cost to patient \$40-80
- Not a replacement for a dilated exam
- Dilated exam is standard

\$35 B+

Societal cost of major visual disorders among U.S. residents aged 40+

63%

of participants who had eye disease were not aware



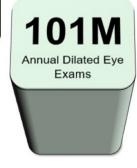
Source: American Academy of Ophthalmology, Comprehensive Adult Medical Eye Evaluation Preferred Practice Pattern, 2020



Bottom-Up Calculation of Annual Dilated Eye Exams

~101 Million Annual Dilated Eye Exams are Performed in the US

Demand Side	<u>Estimate</u>	Number of Providers (X)	Average Number of Weekly Exams (Y)	Estimated % Patients Dilated (Z)	Total (X*Y*Z) * 48 wk/yr	
Lega Control	Optometrists	46,000	59	40%	~52 M	
	Ophthalmologists	18,000	88	50+%	~38M	
	Retina Specialists	3,000	150	50%	~11 M	



<u>Supply Side Validation:</u> Based on the ~2 million total units of mydriatic agents sold in 2020, we calculated the total number of dilated eye exams to be ~125 million patients, consistent with demand side estimates.

*IQVIA 2020 sales data; KOL Interview; GlobalData market research; and AOA Excel and Jobson Medical Information 'Bottom-Up Calculation' assumes 48 total work weeks in a year Supply side validation assumed each unit (bottle) has ~10 mL fill volume and each patient gets 2-4 drops





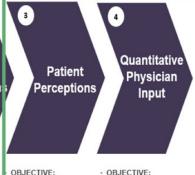
Market Research Methodology by GlobalData

Market Research Conducted in 2H 2020 for RM, Presbyopia, and Night Vision Disturbances

GlobalData conducted this research in 4 phases of primary research, which allowed us to inform the survey instruments for each audience as the project progressed



- OBJECTIVE: Assess the competitive environment in each of the three indications from the perspective of treating physicians
- OBJECTIVE: Understand the assignment of coverage in pharmacy or vision plans



- Understand patients' current unmet needs as well as their potential acceptance of or desire for Nyxol
- OBJECTIVE: Quantitatively assess the potential use of Nyxol in each of the three indications



>200 Total Patients Surveyed

- · Reversal of mydriasis (N=190)
- · Presbyopia (N=134)
- Dim Light Vision Disturbance (N=120)



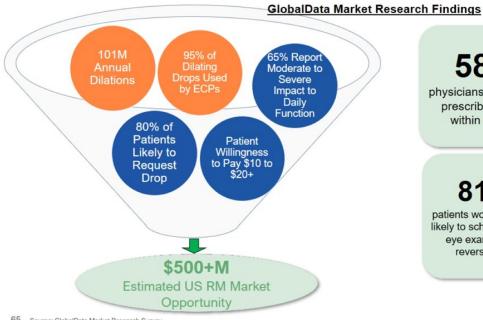
120* Optometrists & Ophthalmologists Surveyed

(N=69 Optometrists; N=51 Ophthalmologists)
* Retina specialist were not surveyed



Reversal of Mydriasis (RM) Market Opportunity

With No Commercially Available Treatment, Nyxol may Achieve Significant Revenue Potential



58%

physicians would start prescribing Nyxol within 1st year

Current Commercially Available Treatments

patients would be more likely to schedule yearly eye exams with a reversal drop

68%

physicians would be willing to use Nyxol even if patients had to still wear sunglasses within 1st hour

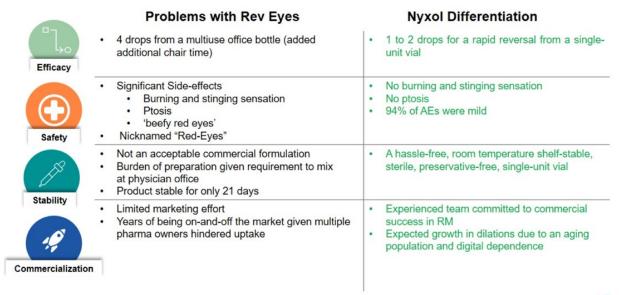


65 Source: GlobalData Market Research Survey



Why 1990' Rev-Eyes is Not a Benchmark for Nyxol Future RM Sales

Nyxol's Broad Differentiation Addresses the Unmet Need for Reversal Drops in New Era











RM Market Opportunity and Commercialization

Presented by: Bindu Manne



Ocuphire

Bindu Manne Head of Commercialization Ocuphire Pharma

- 16 years of experience primarily in product launches (12+) across all ophthalmic specialists
- Dynamic experience ranging from sales, market development, professional and medical affairs
- Ophthalmic World Leader: Rising Star Award Recipient
- Non-Profit Board Member: Holland Foundation For Sight Restoration and Ophthalmic World Leaders

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Perspective from Practice Administrators on Reversing Dilations

Leading Practice Administrators Confirm the 'Market Need,' and Value to Patient

· Anterior Segment Practice in Southeast

"We've explored and offered several options over the years to reverse mydriasis – both as a tool to elevate the patient experience and to reduce liability when a patient with poor accommodation walks out of my practice. We've used pharmacologic agents to reverse the effects of dilation in the past, but those products had significant limitations, and I would welcome a new option indicated for RM in my practice." – Certified Ophthalmic Executive and CEO.

Multi-Specialty Practice, Midwest

 "We call our patients guests so anything to enhance their experience is valuable for our practice. Pupil dilation is a perceived inconvenience – especially for the workingage population. They grab up our evening appointments typically, so they don't have to go back to work while dilated. Having an option to reverse dilation is something we and our guests would enjoy." – Certified Ophthalmic Executive and CEO

Leading Academic Eye Center

 "Patients have anxiety over dilation and if we could reduce that fear, help them regain accommodation faster, I would like to consider that option across all specialties." – Head of Operations, Certified

Willingness to Implement:

- ~ We would be comfortable passing this cost to the patient as a premium to resume visual function faster.
- ~ Patients would be willing to pay for this benefit.



Practice Administrator Interviews Conducted by Ocuphire





Activities Underway to Support Capital-Efficient Nyxol RM Commercial Launch



Development

Engage leading Key Opinion Leaders and Professional Societies to establish our commitment to refractive and retinal disorders



Broad HCP opportunity with focus on early adopters to capture post-market data and patient experience



Eye Care Practitioners in U.S.	
Total Ophthalmologists	18,000
Total Optometrists	46,000
Total Retina Specialists	3,000



Establish Ocuphire as a patient-centric company and leader in improving everyday vision through education to empower purchasing decisions



Initiate branded and unbranded education for ophthalmologists, optometrists and practice professionals

Brand Awareness Across Eye Care Professionals



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Nyxol as RM Allows Efficient Pharmaceutical Launch Across Eye Care Practices

Ocuphire
Preferred Go-To Market
Strategy for 2023

Partner with existing commercial sales and distribution players that have established ophthalmic products and relationships

An Efficient Launch...

- * No approved drug/competition
- * Routine part of practice
- * Patients daily function impacted by eye dilations





Practice Implementation Models

Positive Feedback from Physicians on Integration of a Reversal Agent into Practice

Optometry Ophthalmology Retina







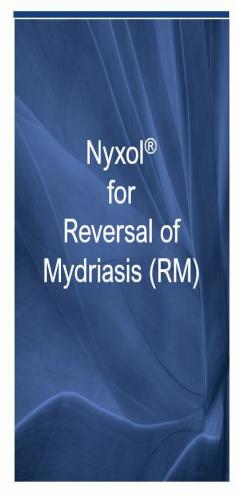
Adoption into practice requires no additional staff or patient training

Practices across all specialties expressed the positive impact on patient experience and adherence to dilated exams

Ophthalmology and Optometry practices would pass a nominal fee into their routine refraction and include it in their surgical pricing

Retina practices across academic centers favored offering to patients at no additional cost due to the volume of dilated exams and as a patient satisfaction service









QUESTION & ANSWER





Summary of Nyxol Reversal of Mydriasis Program

138	Nyxol, the first ophthalmic formulation of phentolamine mesylate , is a differentiated MOA uniquely suited for reversal of pharmacologically-induced mydriasis
مسرا	In MIRA-1 and MIRA-2, Nyxol met its primary endpoint of rapidly returning subjects as well as many key secondary endpoints
	Consistent with prior trials, Nyxol has demonstrated favorable safety and tolerability with a MOA uniquely suited to avoid safety issues associated with cholinergic drug (e.g. pilocarpine) reversal of dilations
9 00	MIRA-3 Phase 3 and MIRA-4 Pediatric Safety trials are currently enrolling patients at 15 sites in the US with data expected in early 2022
	We anticipate the results of these trials will support an NDA submission for Nyxol in late 2022
	Nyxol has the potential to be the ONLY commercially-available , FDA-approved Rx treatment to reverse pupil dilation in a growing \$500+M US Market









III. Nyxol Presbyopia Program



Jay Pepose, MD, PhD
UCLA School of
Medicine



the Midwest Center for Sight

James Katz, MD
University of Illinois,
College of Medicine





Pupil Modulation Eye Drops for Presbyopia

Presented by: Jay Pepose, MD, PhD





- · Founder and Medical Director of Pepose Vision Institute
- · Founder of Midwest Vision Research Foundation
- · Recognized Thought Leader in Ophthalmology
- 40 Years of Experience as a Treating Physician and Widely Published Researcher



The Time for Presbyopia Drops

Headlines from Academia and Industry Articles with an Early First Approval for Vuity™



P

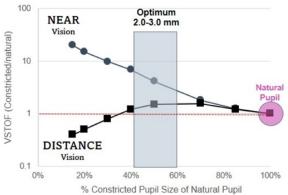
What is the Optimal Pupil Size?

Literature Highlights New Drops to Treat Presbyopia Achieve Optimal Pupil Diameter of 2-3 mm

Photopic Lighting (100 -1000 lux) Natural Pupil Size ~ 4 mm







Effect of Target Luminance on Optimum Pupil Diameter for Presbyopic Eyes

Renfeng Xu*, Larry Thibos*, and Arthur Bradley

"A fixed **2- to 3-mm** small pupil or a 30% pupil miosis can both produce near visual acuity gains without significant losses to distance acuity or image quality, and therefore can be considered as optimal for a presbyope experiencing a wide range of light levels."

Optometry and Vision Science, November 2016

ARACT SURGERY 4

WHAT IS THE OPTIMAL PUPIL SIZE?



"The impact of pupillary modulation on the functional depth of field differs among patients with refractive error versus those who are truly emmetropic."

- Cataract & Refractive Surgery Today (CSRT), January 2022



Source: Xu et al, OVS 2016; Pepose & Xu CSRT article 2022, Effect of Target Luminance on Optimum Pupil Diameter for Presbyopic Eyes







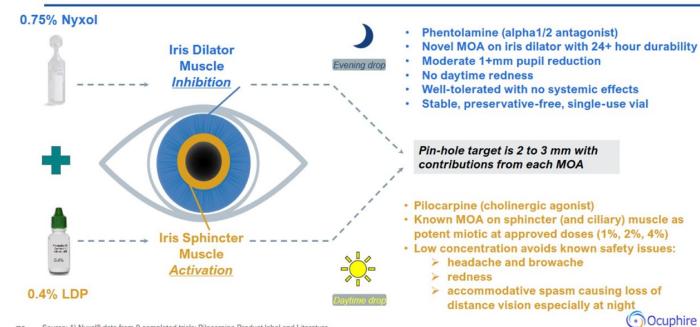
Nyxol with LDP as Adjunctive Therapy in Presbyopia

Presented by: Jay Pepose, MD, PhD



Nyxol® with Low-Dose Pilocarpine (LDP) as Adjunct Therapy

Moderate Action on Iris Dilator and Iris Sphincter Muscles for Near Vision Improvement

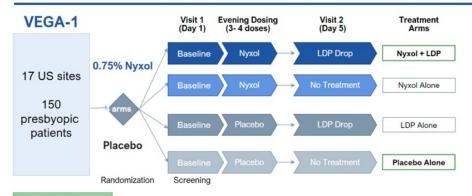


Source: 1) Nyxol® data from 9 completed trials; Pilocarpine Product label and Literature



VEGA-1: Presbyopia Phase 2 Trial Design

Randomized, Double-Masked, Placebo-Controlled, Multi-Center One-Week Trial



Eligibility Criteria

- Males or females ≥ 40 and ≤ 64 years of age
- BCDVA of 0.0 LogMAR(20/20 Snellen equivalent) or better in each eye under photopic conditions
- DCNVA of 0.4 LogMAR (20/50 Snellen equivalent) or worse in photopic conditions in each eye & binocularly

Phase 2 Enrollment Completed Feb to May 2021 – 150 Subjects
Reported Topline Results End of 2Q21

Endpoint

Primary: % of subjects with ≥ 3 lines of improvement in distance-corrected near visual acuity comparing Nyxol + LDP vs placebo alone at 1 hour

Secondary:

- % of subjects with ≥ 2 and ≥ 3 lines gained at time points from 30 min to 6 hours in photopic lighting comparing Nyxol + LDP vs placebo, Nyxol alone, and LDP alone
- % of subjects with ≥ 3 lines of <u>near vision gain with less than</u> 5 letters of distance loss
- · Pupil diameter at time points
- · Safety and tolerability



Clinical trial NCT#04675151. DCNVA = distance-corrected near visual acuity. BCDVA = best corrected distance visual acuity; *3-4 evenings; VEGA-1 Study Design



VEGA-1: Demographics and Baseline Characteristics

Treatment and Placebo Arms were Balanced in the VEGA-1 Phase 2 Clinical Trial

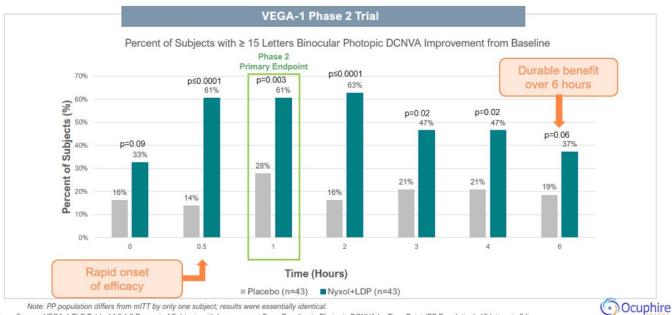
	Placebo Alone N=43	Nyxol Alone N=30	LDP Alone N=31	Nyxol+LDP Combo N=43	Total N=147
Age (years): Median (Range)	52 (42-62)	54 (41-60)	52 (44-64)	53 (43-63)	53 (41-64)
Sex: Male n (%) Female n (%)	15 (35%) 28 (65%)	7 (23%) 23 (77%)	13 (42%) 18 (58%)	5 (12%) 38 (88%)	40 (27%) 107 (73%)
Race: White n (%) Other* n (%)	37 (86%) 6 (14%)	26 (87%) 1 (3%)	28 (90%) 3 (10%)	40 (93%) 3 (7%)	131 (89%) 15 (11%)
Dark Iris Color: n (%)	18 (42%)	12 (40%)	12 (39%)	18 (42%)	60 (41%)
Light Iris Color: n (%)	25 (58%)	18 (60%)	19 (61%)	25.1 (58%)	87 (59%)
Photopic DCNVA Mean Letters read- Binocular (Snellen Equiv.) 70 letters = 20/20	46 (20/63)	45 (20/63)	48 (20/63)	46 (20/63)	46 (20/63)
Photopic BCDVA Mean Letters read- Binocular (Snellen Equiv.) 55 letters = 20/20	62 (20/15)	61 (20/15)	60 (20/15)	61 (20/15)	61 (20/15)
Photopic Pupil Diameter Mean (mm)	4.3	4.5	4.3	4.3	4.3
Mesopic Pupil Diameter Mean (mm)	5.1	5.0	5.0	5.1	5.1



Source: VEGA-1 TLR Table 14.1.2.2 Demographics and Baseline Characteristics (PP Population). Snellen Conversion Chart.

VEGA-1: Nyxol+LDP Met Primary & Secondary Endpoints

61% Patients with Nyxol+LDP had ≥ 15 Letter Near Gain with Fast Onset & Durable Responses

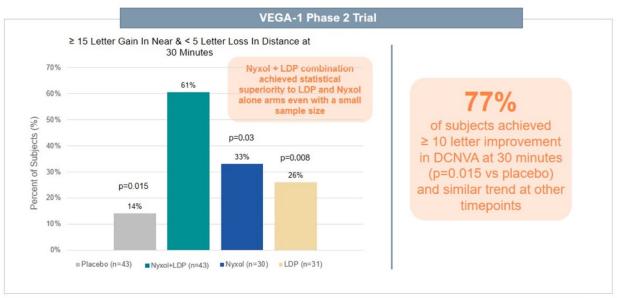


Source: VEGA-1 TLR Table 14.2.1.2 Percent of Subjects with Improvement From Baseline in Photopic DCNVA by Time Point (PP Population). 15 letters is 3 lines.

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VEGA-1: Planned P3 Efficacy Endpoint Met by Nyxol+LDP

Pre-Specified Endpoints Demonstrate Superiority of Combo vs. Components & ≥10 Letter Near Gain

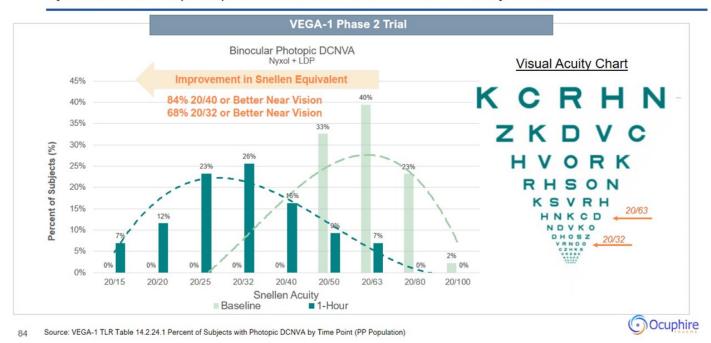


Source: VEGA-1 TLR Table 14.2.2.2 Percent of Subjects with >= 15 Letters of Improvement in Photopic DCNVA and < 5 Letters of Loss in Photopic Binocular BCDVA by Time Point (PP Population); Table 14.2.1.2 Percent of Subjects With Improvement From Baseline in Photopic DCNVA by Time Point (PP Population)



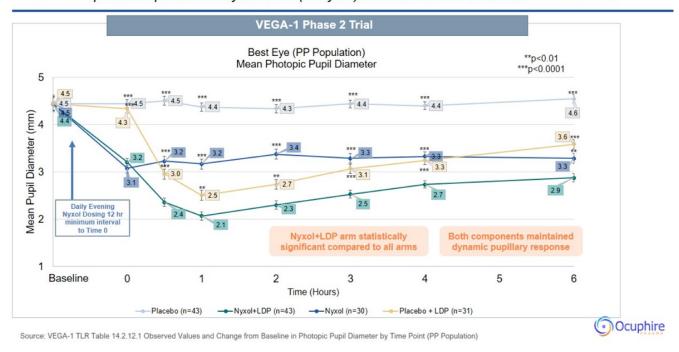
VEGA-1: Improvement in Functional Near Vision

Nyxol+LDP had a Rapid Improvement in Near Vision to 20/32 for many Patients



VEGA-1: Mean Pupil Diameter Over Time

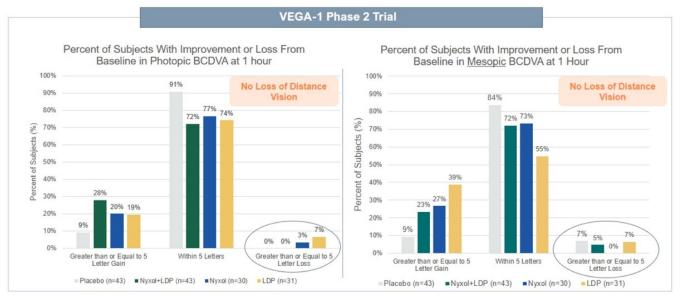
Achieved Optimal Pupil Size in Nyxol+LDP (& Nyxol) Consistent with 3-line Near Vision Gain



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VEGA-1: Photopic and Mesopic Distance Vision Effects

Nyxol and/or LDP Demonstrated No Loss of Distance Vision in Photopic and Mesopic Lighting





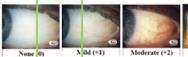
Source: VEGA-1 TLR Table 14.2.8.1 and 14.2.10.1 Percent of Subjects With Improvement or Loss From Baseline in Photopic and Mesopic BCDVA by Time Point (PP)

VEGA-1: Safety Findings Across All Arms

Nyxol+LDP Combination (& Nyxol Alone) was Well Tolerated with a Favorable Safety Profile

	Placebo Alone	Nyxol Alone	LDP Alone	Nyxol+LDP
	n=45	n=30	n=31	n=44
Total Treatment Emergent Adverse Events (n)	4	18	13	50
TEAEs by Severity (n [%]) Mild Moderate Severe	1 (2.2%)	6 (20%)	6 (19.4%)	13 (29.5%)
	1 (2.2%)	0 (0%)	0 (0%)	1 (2.3%)
	0 (0%)	0 (0%)	0 (0%)	1 (2.3%)
AEs Occurring in ≥ 5% of subjects (n [%]) Instillation Site Pain (Mild) Instillation Site Erythema (Mild) Conjunctival Hyperemia (Mild) Eye Disorders (Mild)	1 (2.2%) 0 (0%) 0 (0%) 1 (2.2%)	3 (10%) 3 (10%) 2 (6.7%) 2 (6.7%)	0 (0%) 2 (6.5%) 0 (0%) 4 (12.9%)	4 (9.1%) 5 (11.4%) 2 (4.5%) 5 (11.4%)

Conjunctival Hyperemia CCLRU Scale for Reference



None 0) N ild (+1)

Nyxol + LDP and LDP alone

Only transient 0.5 point mean increase

Source: VEGA-1 TLR Table 14.3.1.1 Overall Summary of Treatment Emergent Adverse Events (TEAE) (Safety Population)
Table 14.3.1.3 Treatment-Emergent Adverse Events (TEAE) by System Organ Class, Preferred Term, and Severity (Safety Population)

- · No deaths, no serious AEs
- · Almost all AEs were mild
- 0% headaches or brow aches reported for Nyxol+LDP arm; headaches not reported in Nyxol trials
- ~5% mild, transient conjunctival hyperemia AEs in Nyxol+LDP arm
- Distance vision: 0% Nyxol + LDP arm had ≥ 5 letter distance loss in photopic lighting (5% in mesopic)
- · No change in IOP





What's Important?

Nyxol+LDP has the Potential to be "Best in Class" Presbyopia Eyedrop

Efficacy Signal

Percent of subjects with \geq 3-line improvement in near vision with less than 5 letters of distance loss in Nyxol+LDP combo compared to Nyxol alone and LDP alone as demonstrated in 2 well-controlled, multi-center clinical trials

Safety

No loss of distance (included in efficacy) Maintain night distance vision Well-tolerated

Broad Label Opportunity

For Vuity™, FDA did not limit the use of the product to clinical trial parameters such as:

- age
- · lighting conditions (photopic or mesopic)
- · monocular or binocular
- · phakic status



Efficacy Signal

- Achieve "functional near vision" and intermediate vision
- · Achieve optimal pupil size
- Durability
- Dynamic/responsive pupil

Safety

- · No loss of distance vision
- · No headaches or brow aches
- · Reliable night distance vision
- · No stinging or burning
- Minimal redness

Patient Experience

- Tunability ability to customize treatment based on patient's lifestyle needs
- Favorable tolerability for continued use and Rx refills









Nyxol Alone in Presbyopia

Presented by: James Katz, MD





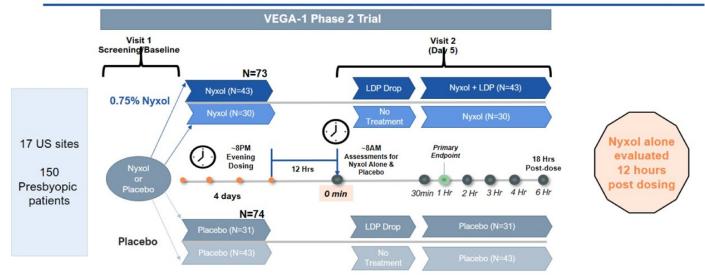
- · President of the Midwest Center for Sight
- Board-certified Ophthalmologist with specialties in Cornea, Cataract, and Refractive Surgery
- Well-Published in Distinguished Ophthalmologic Journals With Over 50 Publications and Over 300 Presentations



VEGA-1 Study Design Assessed Nyxol Alone Efficacy



Nyxol as Single Drop vs. Placebo Met Pre-Specified Endpoints in the Trial



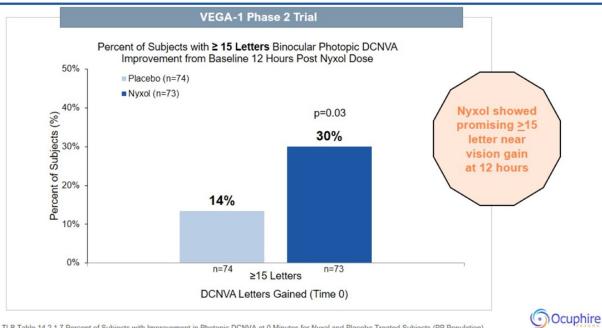




VEGA-1: Nyxol Meets Planned P3 Efficacy Endpoint at 12 Hours



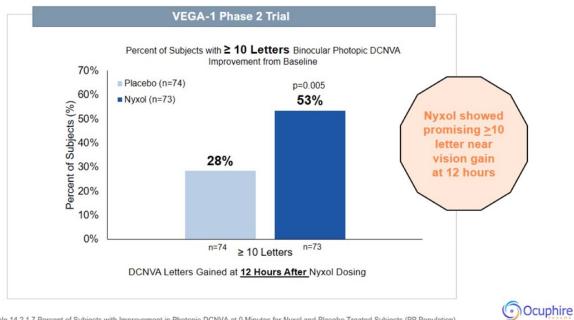
Nyxol as a Single Drop Provides a Statistical 3 Line or More Gain Compared to Placebo



91

Source: VEGA-1 TLR Table 14.2.1.7 Percent of Subjects with Improvement in Photopic DCNVA at 0 Minutes for Nyxol and Placebo Treated Subjects (PP Population)

VEGA-1: ≥10 Letter Gain in DCNVA with Nyxol at 12 Hours ☆ ↑ Nyxol as a Single Drop Provides a Clinically Meaningful ≥10 Letter Gain Compared to Placebo ☆



Source: VEGA-1 TLR Table 14.2.1.7 Percent of Subjects with Improvement in Photopic DCNVA at 0 Minutes for Nyxol and Placebo Treated Subjects (PP Population)





93

VEGA-1: Improvement in Functional Near Vision



Nyxol Single Drop Significantly Improves Functional Near Visual Acuity



Source: VEGA-1 TLR Table 14.2.24.1 Percent of Subjects with Photopic DCNVA by Time Point (PP Population)





VEGA-1: Functional Vision Durability

Single Drop of Nyxol has Durable Response for 18 Hours



18 hours post Nyxol consistent efficacy with 12 hours



consistent efficacy with 12	Nyxol as a Single Drop			
hours	Time Point (Hrs post Nyxol dose)	% of Subjects	Statistics vs Placebo	
Subjects achieving 3-line gain in photopic, binocular DCNVA (N= 30)	12.5 18	33% 37%	p=0.07* p=0.11*	
Subjects achieving 20/40 or better in photopic, binocular DCNVA (N= 30)	18	60%	N/A (compared to baseline)	

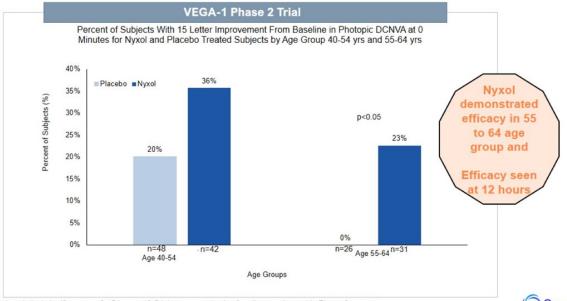
^{*}Trend toward statistical significance even in smaller Nyxol arm from time 0 to time 6 hrs (n=30), larger sample size for all arms planned in Phase 3 program



VEGA-1(Post-Hoc): Efficacy Across Presbyopia Ages



Nyxol Highest Efficacy in Young Presbyopes as Expected; Also Efficacy Seen in Older Presbyopes



Note: Trend toward statistical significance p=0.15 in age 40-54; larger sample size for all arms planned in Phase 3 program Source: VEGA-1 TLR Table 14.2.1.7.1 & 14.2.1.7.2 Percent of Subjects with Improvement in Photopic DCNVA by Age Group (PP Population)







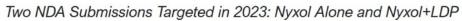


Presbyopia Drops: Ocuphire Next Steps and Competitive Landscape

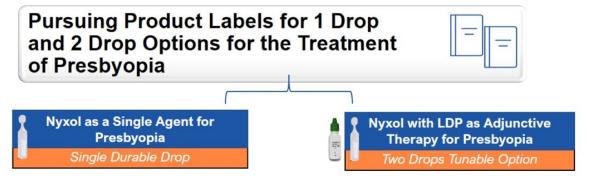
Presented by: Jay Pepose, MD, PhD



Two Treatment Options for Spectrum of Presbyopic Patients







Initiating VEGA Phase 3 Program in Mid-2022 for Both Labels







Potential 'Best in Class' Presbyopia Drop(s)



Nyxol and Nyxol+LDP Combination Data Differentiates on Efficacy, Safety, and Durability

Proc	luct.	Attrib	utee*
1100	auct.	TELLID	utes

- 1) Efficacy (3 Line Gain in DCNVA Primary Endpoint Responders)*
- 2) Safety: Loss of Distance in Mesopic
- 3) Tolerability: Headaches and Conjunctival Hyperemia
- 4) Durability (% responders at the longest timepoint)

	VUITY™
	26-31% (3 hours)
N	o Significant Loss
_	% Headaches ∙5% redness
18	3% at 6 hours

Caveats of crosstrial comparisons for VUITYTM and Nyxol/LDP. Differences include age, severity of near vision loss, lighting conditions, doses, timing, and # of patients

Nyxol	Nyxol+LDP		
30%	~61%		
(12 hours)	(1 hour)		
No Significant	No Significant		
Loss	Loss		
No Headaches	No Headaches		
>5% mild redness	~5% mild redness		
37% at 18 hours	37% at 6 hours		

Nvxol's Potential Differentiated Solution

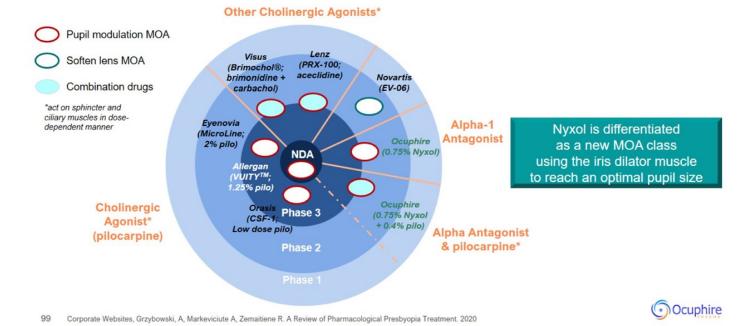


Placebo Adjusted Values for Vuity were 15-23% in Gemini1 & 2;Placebo Adjusted Nyxol was 16% and Nyxol+LDP was 33% (all stat significant) Source: Nyxol Data: ASCRS (July 2021) Abstract# 76645 (Phase 2) and VEGA-1; Abstract 74336 (Phase 3). VUITYTM Data FDA Label and AAO 2021 Presentation.

P

Presbyopia Eye Drops Competitive Landscape

Validation of Pupil Modulating Drops Achieving Pin-Hole Effect & Efficacy, Many with Pilocarpine









Large and Growing Presbyopia Market

Presented by: James Katz, MD



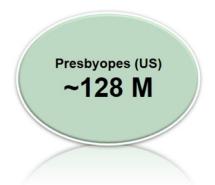
Presbyopia is a Burgeoning Opportunity

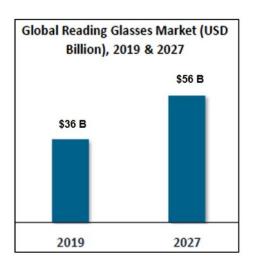
One of the Largest Disease Segments, Increasing Spend from Global Reading Glasses Market

The Problem

- Lens loses ability to change shape when viewing objects up close as we age
- Dependence on reading glasses for intermittent and prolonged use, but unable to see near and far at same time
- · Aesthetics and inconvenience

100%
of adults over the age of 40 years are at risk of developing presbyopia





Global Prevalence of Presbyopia, 2018, Fortune Business Insights Reading Glasses Forecast 2016-2027, Cataract & Refractive Surgery Today, 2021, NEI 2010 data. Vitale S. et. Al. JAMA Ophthalmology, 2008, Vision problems, US, Arch. Ophthal, 2014, Vision Monday. NEI/NIH https://www.nei.nih.gov/sites/default/files/health-pdfs/Presbyopia.pdf





Key Findings from GlobalData Market Research on Presbyopia

Insights Very Consistent with Other Competitors Market Research Surveys

120+ Million

Presbyopia patients in the US

51%

physicians would offer eye

drops as a first-line

presbyopia treatment

90%

presbyopia patients wear reading glasses ≥ once per day

67%

physicians indicated interest in Nyxol+LDP

70%

patients would consider an eye drop as an alternative to reading glasses

70%

patients considered the 2 drops/bottle dosing to be moderately-to-very convenient

40%

patients have asked their physicians about alternatives to reading glasses

> \$50/mo

Patient Willing to Pay

Vuity[™] is priced at \$79 for a 30-day supply

Physician Perspective N=120

102 GlobalData Market Research Survey

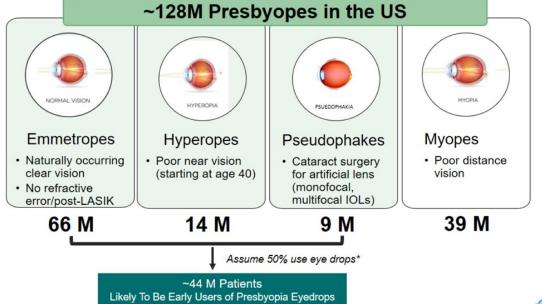
Patient Perspective n-=134



P

Presbyopia Market Segments

Tens of Millions of Likely Early Users → Emmetropes, Hyperopes, and Pseudophakes



Global Prevalence of Presbyopia, 2018, Fortune Business Insights Reading Glasses Forecast 2016-2027, NEI 2010 data. *GlobalData Market Research 2020 Vitale S. et. Al. JAMA Ophthalmology, 2008, Vision problems, US, Arch. Ophthal, 2014, Vision Monday.





Vuity™ is the First FDA-Approved Eyedrop for Presbyopia

Approval Sets the Stage for Market Development by Large Pharma to Build a Large Market



FDA Approval of Vuity™ positive for the presbyopia space

Opportunities for new entrants with differentiated product attributes in a newly established segment with physicians and patients/consumers

~44 M Patients Likely To Be Early Users of Presbyopia Eyedrops



3-6 refills per year assumed



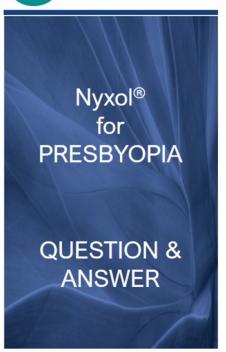
Private Cash Pay (Vuity™ fill List Price) ~\$10B - \$20B Estimated US Presbyopia Market Opportunity

~2 Billion
Presbyopes Globally
for Even Larger
Market Potential



Global Prevalence of Presbyopia, 2018, Fortune Business Insights Reading Glasses Forecast 2016-2027, Cataract & Refractive Surgery Today, 2021, NEI 2010 data. Vitale S. et. Al. JAMA Ophthalmology, 2008, Vision problems, US, Arch. Ophthal, 2014, Vision Monday.









Summary of Nyxol and Nyxol+LDP Presbyopia Program



Nyxol as a single drop is differentiated as a new MOA class working on the iris dilator muscles; Nyxol with LDP as adjunct therapy uniquely offers pupil 'tunability' depending on patient lifestyle

In VEGA-1 trial:

- Nyxol+LDP met its primary efficacy endpoint ≥ 15 letter near visual acuity gain.
- Nyxol as a single drop met efficacy endpoints at 12 hours and 18 hours



Consistent with prior trials across other indications, Nyxol, dosed alone or with LDP, has demonstrated favorable safety and tolerability



VEGA Phase 3 program planned for Nyxol and Nyxol+LDP for the treatment of presbyopia to initiate mid-2022



Potential NDA submissions for presbyopia in 2023

- · Nyxol as a single drop
- · Nyxol with LDP as adjunct therapy



Presbyopia drops projected to be one of the largest \$10+B new segments in Ophthalmology





Closing Remarks

Mina Sooch, CEO, Founder of Ocuphire Pharma

Ocuphire Management Team

Decades of Biotech and Drug Development Experience



Ocuphire's World-Class Medical Advisory Board

Fortunate for the Insights of Leading KOLs & Drug Candidate Co-Founders



Refractive Specialist
Jay Pepose, MD, PhD
UCLA School of Medicine



CEI CINCINNATI EM INSTITUTE Refractive Specialist Ed Holland, MD Loyola University Chicago



elCON Medical Refractive Specialist Eliot Lazar, MD Georgetown University



Cleveland Clinic
Code Eye Institute

Retinal Specialist
Peter Kaiser, MD
Harvard Medical
School



Refractive Specialist James Katz, MD University of Illinois



Refractive Specialist Marguerite McDonald, MD Columbia University

OCLI



Mark Kelley, PhD Indiana University Co-Founder Apexian/APX3330



Retina-Vitreous Associates Medical Group

Retinal Specialist
David Boyer, MD
Chicago Medical School



Refractive Specialist Mitch Jackson, MD University of Chicago



ChuVision
Refractive Specialist
Y. Ralph Chu, MD
Northwestern University



Retinal Specialist
David Lally, MD
Vanderbilt University



Retinal Specialist
David Brown, MD
Baylor University



Refractive Specialist Thomas Samuelson, MD University of Minnesota



Refractive Specialist Jack Holladay, MD University of Texas



Duke Eye Center

Retinal Specialist

Michael Allingham, MD, PhD
University of North Carolina



Retinal Specialist
Jeffrey Heier, MD
Boston University



Optometry
Paul Karpecki, OD
Indiana University



Optometry
Douglas Devries, OD
University of Nevada



Ocuphire Board of Directors

Seasoned Directors with Decades of Drug Development, M&A/Financings, & Ophthalmology









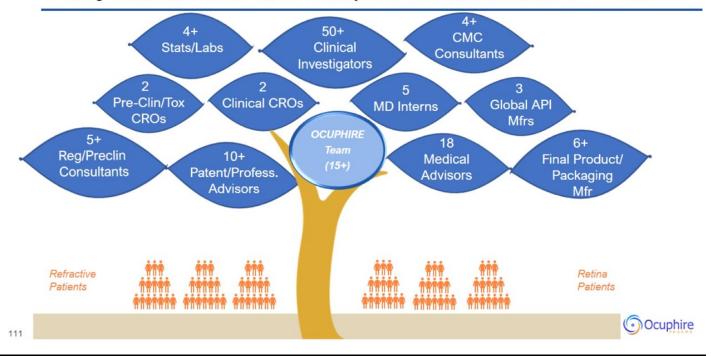






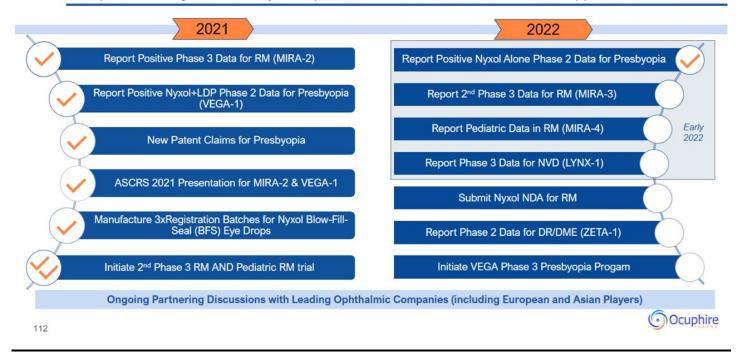
Thanks To Our Network of Partners

A Strong Foundation has been Built to Efficiently Grow and Deliver Our Vision for Patients...



Track Record of Achieving Milestones → Exciting 2022 News Cadence

Multiple Late-Stage Data Catalysts Expected in 2022 for Potential First NDA Approval in 2023



Overall Highlights from Ocuphire Investor R&D Day



Nyxol®

Nyxol® eye drops, as a platform, is uniquely positioned to address growing markets in refractive disorders

Nyxol, if approved in 2023, would be the only Rx drop for reversing dilations and positively impact the patient experience in an eye care practice



Nyxol represents a novel class with a differentiated MOA and potential as a convenient single evening drop with efficacy at 12 hours (and 18 hours) in the large presbyopia market



Ocuphire plans to pursue both Nyxol as a single agent and with low dose pilocarpine as adjunctive therapy to treat a breadth of presbyopia patient types \rightarrow more details to follow



APX3330

The well-controlled, multi-center Phase 2b ZETA-1 for APX3330 is ~70% enrolled



APX3330 new interim masked safety data support favorable safety profile as a potential oral treatment for diabetics with DR/DME



APX3330 oral with dual MOA targeting VEGF and inflammation may be well-suited to reduce treatment burden and/or improve outcomes adjunctive to traditional anti-VEGF intravitreal injections across retinal diseases







Thank You for Joining Us Click Here for the Recorded Event

Ocuphire Pharma Investor R&D Day

January 31, 2022