

# What's In The Bottle? New Rx Therapies for DED

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## Disclosures - Damon Dierker, OD, FAAO

- Aerie - A
- Alcon - A/C/S
- Allergan - A/C/R/S
- Amcicle - R
- Avellino Lab - A
- Azura - A
- Bausch & Lomb - A/C/S
- Bio-Tissue - A/C/R/S
- Carl Zeiss Meditec - A
- Dampse - S
- Dry Eye Boot Camp - Founder
- Eyes On Dry Eye - Co-Founder
- Eyevance - A/C/S
- Genentech - A
- Glaukos - A/C/S
- Gyroscope - R
- Johnson & Johnson - C
- Kala - A/C/S
- Lumentis - C/S
- MacuHealth - S
- MacuLogic - A/C/S
- Notal Vision - A/C/R/S
- Novabay - C
- Novartis - A/C/S
- NuSight Medical - C
- Ocular Therapeutix - A/R
- Ocuphire - A
- Ocuvite - A
- Optovue - S
- Oyster Point Pharma - A/C/R/S
- Qulidel - A/C
- RVL Pharmaceuticals - A/C/S
- ScienceBased Health - A/C/S
- Scope - C
- Shire - A/C/S
- Sight Sciences - A/C/R/S
- Sun Pharma - A/S
- Tarsus - A/C/R
- Thea Pharmaceuticals - A/C
- Trukera Medical - Chief Medical Advisor, Optometry

A - Advisory Board  
C - Consultant  
R - Research  
S - Speaker Bureau



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## Varenicline

Dry Eye Disease

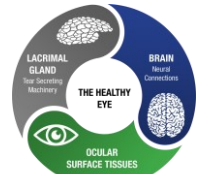


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## Unmet Need – Dry Eye Disease

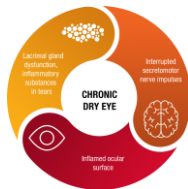
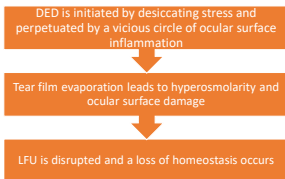
Tear Production is Regulated through a Neural Feedback Loop

- Lacrimal Functional Unit  
Ocular Surface Tissues  
Lacrimal Gland  
Neuronal Connections - sensory and motor
- Healthy tear film provides a smooth optical surface to optimize vision
- LFU maintains ocular surface comfort and epithelial cell health
- Tear film homeostasis involves maintaining stability of all layers of the tear film



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## Unmet Need – Dry Eye Disease

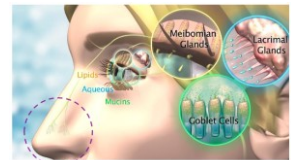


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## Parasympathetic Nervous System Controls Tear Film Homeostasis

The trigeminal nerve provides the pathway for parasympathetic stimulation of the Lacrimal Functional Unit (LFU) to promote complete natural tear film

The trigeminal nerve is accessible within the nasal cavity and can be activated by stimulating nicotinic acetylcholine receptors (nAChR)



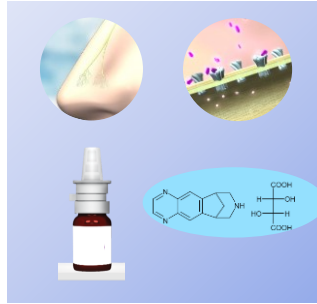
34% of basal tear production is due to inhaling air through the nose<sup>1</sup>

<sup>1</sup> Gupta A, Hingorji T, Pflugfelder SC. Nasotracheal stimulation of aqueous tear production. Cornea. 1995;14(6):645-648.

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### OC-01 (varenicline)

- Preservative-free intranasal spray containing the selective nicotinic acetylcholine receptor agonist, varenicline
- Binds to receptors located on the trigeminal nerve, which is readily accessible within the anterior portion of the nasal cavity, to open ion channels and depolarize the nerve
- Nerve is activated, and lacrimal functional unit is stimulated to produce natural tears



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### Tyrvaia – What’s In The Bottle?

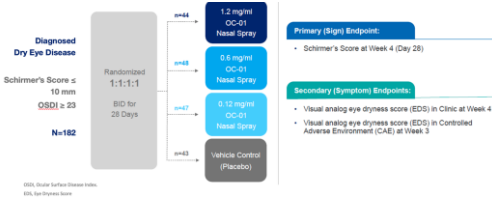
- Active Ingredient – varenicline 0.03 mg
- Indication – treatment of the signs and symptoms of dry eye disease
- Dosing – one spray in each nostril twice daily
- Contraindications – none
- Warnings - none
- Adverse events
  - Sneezing (82%)
  - Cough/throat irritation/nose irritation (5-16%)



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### ONSET-1: OC-01 Phase 2b Study Design

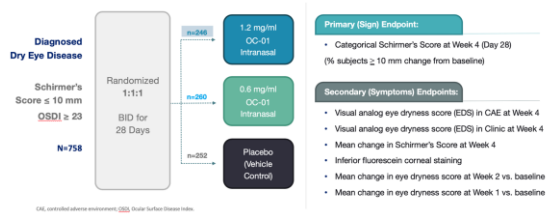
Multicenter, Randomized, Double-Masked, Vehicle-Controlled Clinical Trial to Evaluate the Safety and Efficacy of OC-01 Intranasal Spray on Signs and Symptoms of DED



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### ONSET-2: Phase 3 Study Design

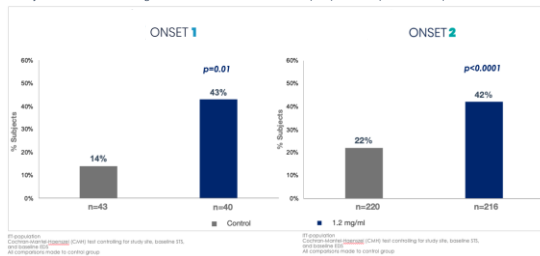
Multicenter, Randomized, Controlled, Double-Masked Clinical Trial to Evaluate the Efficacy and Safety of OC-01 Intranasal on the Signs and Symptoms of Dry Eye Disease



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### ONSET-1 and ONSET-2: Statistically Significant Improvement in Signs

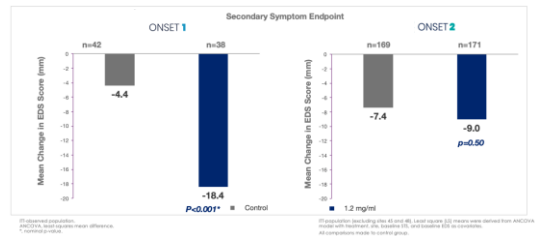
% Subjects with ≥ 10 mm Change from Baseline in Schirmer's Score (mm) - Week 4 (ITT-Observed)



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### ONSET-1 and ONSET-2: Change in Eye Dryness in CAE

Mean Change in Eye Dryness Score in CAE (5 minutes post administration) vs. Baseline (Day 1) Measured at Week 3 (ONSET-1) or Week 4 (ONSET-2)



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### Clinical Applications

- Patients with signs/symptoms of DED:
  - Any dry eye subtype
  - Failed or incomplete response to traditional dry eye therapies
  - Side effects from topical prescription medications
  - Trouble instilling eye drops
  - Want less dependence on drops
  - Contact lens patients



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### Perfluorohexyloctane

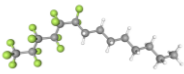
Dry Eye Disease



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### NOV03 - Perfluorohexyloctane

- Perfluorohexyloctane
  - ✓ Water-free, preservative-free
  - ✓ Long-lasting lubricant
  - ✓ Potent inhibitor of evaporation



	Water-based Technologies	NOV03
Drop Size	~ 40-50µl	11 µl
Drug Residual Time	Brief 3-5 min	Long ~ 240 min
Spreading	High surface tension hinders spreading	Fast spreading Film-forming properties
Other Features	Usually preserved	Preservative-free Blink reflex not activated No vision blurring

### Miebo – What’s In The Bottle?

- Active Ingredient – perfluorohexyloctane
- Indication – treatment of the signs and symptoms of dry eye disease
- Dosing – one drop in each eye four times daily
- Contraindications – none
- Warnings – none
- Adverse events
  - Blurred vision (<4%)

1. Krusew S, et al. Invest Ophthalmol Vis Sci. 2018;59:2056-2. Brontolowski M, et al. / Phys Chem B 2004;108:13403-13411. 3. Liu X, et al. Bull Chem Soc Jpn. 2018;91(5):846-857. 4. Gnanou G, et al. Langmuir 1995;11(12):3054-3056. 5. Kuriwaki T, et al. Eur J Ophthalmol 2003;13(1):189-197. 6. Sachdevan M, et al. Invest Ophthalmol Vis Sci. 2012;53:1511-1520.

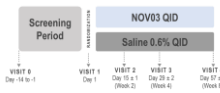


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### Phase 3 Program - GOBI and MOJAVE

- Multicenter, randomized, double-masked, hypotonic saline (0.6%) -controlled trials in subjects with DED associated with MGD<sup>1,2</sup>
- Subjects >18 years old with self-reported history of DED in both eyes
- Subjects randomized 1:1 to NOV03 or saline 1 drop QID in both eyes for 8 weeks
- Primary outcomes:
  - CFB in tcFS (NEI scale) at Day 57
  - CFB in VAS dryness score at Day 57
- Secondary outcomes:
  - CFB in dryness score (VAS) at Day 15
  - CFB in tcFS (NEI scale) at Day 15
  - CFB of VAS burning/stinging at Day 57
  - CFB in central corneal fluorescein staining (CCFS) at Day 57
- Safety outcomes:
  - Ocular and non-ocular AEs, best-corrected visual acuity (BCVA), slit-lamp biomicroscopy, intraocular pressure, dilated funduscopy



Abbreviations: CFB, change from baseline; tcFS, total corneal fluorescein staining; ccFS, central corneal fluorescein staining; VAS, visual analog scale; QID, four times a day

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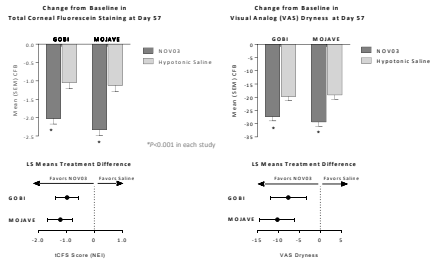
### GOBI and MOJAVE - Demographics

	GOBI		MOJAVE	
	NOV03 (n=303)	Saline (n=294)	NOV03 (n=311)	Saline (n=309)
Mean Age (years)	60.3	61.6	53.3	53.8
<b>Sex</b>				
Male	27.7%	27.2%	19.6%	23.0%
Female	72.3%	72.8%	80.4%	77.0%
<b>Race</b>				
Asian	11.2%	9.5%	11.6%	8.7%
Black	17.5%	18.7%	7.4%	6.5%
White	70.0%	69.4%	78.5%	82.5%
Other	1.3%	2.4%	2.6%	2.3%
<b>Ethnicity</b>				
Hispanic or Latino	14.2%	17.3%	20.3%	21.0%
Not Hispanic or Latino	85.8%	82.7%	79.7%	79.0%

Taylor J, Berry GL, Wirth DL, Krusew S, Willmore D. Presented at the 2023 American Society of Cataract and Refractive Surgeons annual meeting, April 13-26, 2023. Sheppard JD, Kurata FK, Efstathiou A, Krusew S, Willmore S. Invest Ophthalmol Vis Sci. 2022;63:1511.

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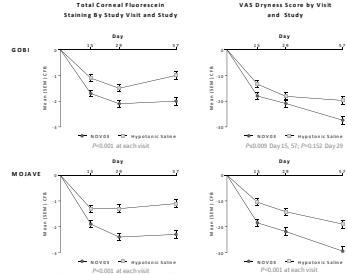
**Primary Efficacy - Both Sign and Symptom Endpoints Met**



Tauber J, Berly GJ, Witka DL, Krissler S, Vitthala J. Presented at the 2022 American Society of Cataract and Refractive Surgeons annual meeting, April 22-26, 2022. Sheppard GJ, Kurita FK, Eppitropaki A, Krissler S, Vitthala J. Invest Ophthalmol Vis Sci. 2022;63:1531.

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**Key Secondary Endpoints - Improvements as Early as Day 15**



Tauber J, Berly GJ, Witka DL, Krissler S, Vitthala J. Presented at the 2022 American Society of Cataract and Refractive Surgeons annual meeting, April 22-26, 2022. Sheppard GJ, Kurita FK, Eppitropaki A, Krissler S, Vitthala J. Invest Ophthalmol Vis Sci. 2022;63:1531.

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**NOV03 was Well-Tolerated**

	GOBI		MOJAVE	
	NOV03 (n=303) n (%)	SALINE (n=294) n (%)	NOV03 (n=311) n (%)	SALINE (n=309) n (%)
Subjects with ≥ 1 ocular study eye AE	25 (8.3)	15 (5.1)	30 (9.6)	30 (9.7)
Most common study eye AEs*				
Blurred Vision	9 (3.0)	1 (0.3)		
Blepharitis			5 (1.6)	1 (0.3)
Blurred Vision			4 (1.3)	1 (0.3)
Conjunctival Hyperemia			4 (1.3)	5 (1.6)
Conjunctival Papillae			4 (1.3)	5 (1.6)
Eye Discharge			1 (0.3)	3 (1.0)
Eye Pain			1 (0.3)	3 (1.0)

\*Incidence >1% in either treatment group.

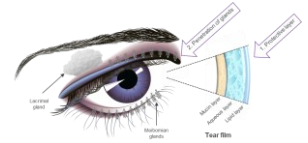
- Few subjects experienced non-ocular AEs
  - None of the non-ocular AEs were considered related to treatment
- Other safety assessments were unremarkable (BCVA, biomicroscopy, IOP, funduscopy)

Tauber J, Berly GJ, Witka DL, Krissler S, Vitthala J. Presented at the 2022 American Society of Cataract and Refractive Surgeons annual meeting, April 22-26, 2022. Sheppard GJ, Kurita FK, Eppitropaki A, Krissler S, Vitthala J. Invest Ophthalmol Vis Sci. 2022;63:1531.

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**Clinical Applications**

- Patients with signs/symptoms of DED:
  - Any dry eye subtype
  - Primary therapy
  - Adjunctive therapy
- Consider in any case where evaporation > total tear supply



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**Lotilaner**  
Demodex Blepharitis

**DEMODOX BLEPHARITIS | A PERVERSIVE AND DAMAGING EYE DISEASE**

- Blepharitis is the inflammation of the eyelids causing irritation and redness
- 69% of blepharitis cases are due to Demodex infestation leading to Demodex blepharitis<sup>1-4</sup>
  - Demodex mites are implicated in other diseases of the lid and lid margin, including blepharitis and meibomian gland dysfunction<sup>1,4</sup>
  - Demodex mites are associated with acne vulgaris, folliculitis, rosacea, seborrheic dermatitis, perioral and scalp hair loss, and basal cell carcinoma<sup>1,3</sup>
- Demodex folliculorum and Demodex brevis are the only 2 species found in humans<sup>5</sup>
  - The life cycle of the Demodex mite is approximately 14 to 18 days from the egg to the larval stage followed by the adult stage<sup>5</sup>
  - The life span of the mite is limited outside the living body; direct contact is required for reinfestation<sup>5</sup>

**D. folliculorum**

0.3-0.4 mm length  
Colonizes the base of the lash follicle<sup>1</sup>

**D. brevis**

0.1 mm length  
Colonizes the meibomian gland<sup>1</sup>



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© 2023 EyeSight LLC. All rights reserved. https://www.eyesightllc.com/medication-information/lotilaner-00000144. A. Peng et al. in: Ophthalmology. 2023;130(10):1661-1668. A. Purohit et al. in: Ophthalmology. 2023;130(10):1661-1668. A. Purohit et al. in: Ophthalmology. 2023;130(10):1661-1668. A. Purohit et al. in: Ophthalmology. 2023;130(10):1661-1668.

DEMODEX BLEPHARITIS | MECHANISMS OF DISEASE



MECHANICAL

- Lash distension occurs as Demodex mites attach to follicles<sup>4,5</sup>
- Demodex mites deposit debris and digestive enzymes, causing further irritation to the eyelid margins<sup>4,5</sup>



BACTERIAL

- Demodex mites can contribute to blepharitis by carrying bacteria on their anterior surface that may elicit immune responses<sup>1,6,7</sup>

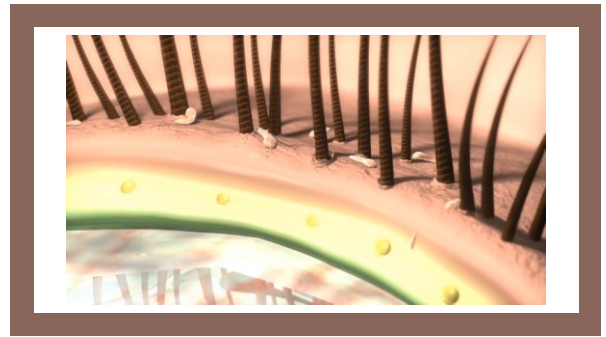


CHEMICAL

- Demodex mites have been associated with altered meibum composition<sup>8</sup>
- Debris from Demodex mites can potentially lead to chronic inflammation and degeneration of conjunctival tissue<sup>9</sup>

1. Pflugfelder SM. Demodex blepharitis. *Surv Ophthalmol*. 2002;47(2):107-120. 2. Pflugfelder SM. Demodex blepharitis. *Surv Ophthalmol*. 2002;47(2):107-120. 3. Pflugfelder SM. Demodex blepharitis. *Surv Ophthalmol*. 2002;47(2):107-120. 4. Pflugfelder SM. Demodex blepharitis. *Surv Ophthalmol*. 2002;47(2):107-120. 5. Pflugfelder SM. Demodex blepharitis. *Surv Ophthalmol*. 2002;47(2):107-120. 6. Pflugfelder SM. Demodex blepharitis. *Surv Ophthalmol*. 2002;47(2):107-120. 7. Pflugfelder SM. Demodex blepharitis. *Surv Ophthalmol*. 2002;47(2):107-120. 8. Pflugfelder SM. Demodex blepharitis. *Surv Ophthalmol*. 2002;47(2):107-120. 9. Pflugfelder SM. Demodex blepharitis. *Surv Ophthalmol*. 2002;47(2):107-120.

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CLINICAL MANIFESTATIONS OF DEMODEX BLEPHARITIS



**Disorders of Eyelashes<sup>1,2</sup>**  
Infestation of the lash follicles can result in collarettes and may lead to misalignment, trichiasis, and madarosis



**Meibomian Gland Dysfunction<sup>1,2</sup>**  
Blockage leads to stinging, swelling, and many enlarged glands (cysts) or infection. Chalazia are common granulomatous responses



**Lid Margin Inflammation<sup>1,2</sup>**  
Severe lid margin inflammation can be caused by mechanical blockage and a delayed host immune hypersensitivity reaction



**Conjunctival Inflammation<sup>1,2</sup>**  
Without proper hygiene, lid margin inflammation may spread over to the conjunctiva producing a condition known as blepharokeratoconjunctivitis



**Corneal Manifestations<sup>1,2</sup>**  
*D. brevis* is commonly associated with inflammation that spreads to the cornea, causing sight-threatening corneal lesions, superficial vascularization, marginal infiltrates, phlyctenule-like lesions, opacities, and/or vascular scars

1. Golligorsky MS. Demodex blepharitis. *Surv Ophthalmol*. 2002;47(2):107-120. 2. Golligorsky MS. Demodex blepharitis. *Surv Ophthalmol*. 2002;47(2):107-120.

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Collarettes Are Pathognomonic Sign of Demodex Infestation

Collarettes Are Composed of Mite Waste Products and Eggs<sup>1</sup>

- Regurgitated undigested material combined with epithelial cells, keratin, and mite eggs
- Contain digestive enzymes, which cause irritation



Patient looking straight ahead



Patient looking down, exposing base of lashes and collarettes  
Images courtesy of Elizabeth Hsu, MD, used with permission.

Easily and Rapidly Diagnosed with Standard Eye Exam

- Demodex mites found on 100% of lashes with collarettes<sup>2</sup>
- Collarettes found in ~ 58% eye care patients<sup>3</sup>

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DEMODEX BLEPHARITIS CAN BE DIAGNOSED DURING SLIT LAMP EXAMINATION



Collarettes are hardened excretions around the base of the eyelashes visible during slit lamp examination<sup>1,3</sup>



Collarettes can be identified when the base of lashes on the upper lid are exposed as the patient looks down<sup>4</sup>



Collarettes may be missed during a slit lamp exam even with a lid lift if a patient is looking straight ahead<sup>4</sup>



Patient looking straight ahead



Patient looking down, exposing base of lashes and collarettes  
Images courtesy of Elizabeth Hsu, MD, used with permission.

Asking a patient to look down during a slit lamp examination can reveal diffuse collarettes and misdirected or missing lashes that are strong signs of Demodex blepharitis

1. Pflugfelder SM. Demodex blepharitis. *Surv Ophthalmol*. 2002;47(2):107-120. 2. Pflugfelder SM. Demodex blepharitis. *Surv Ophthalmol*. 2002;47(2):107-120. 3. Pflugfelder SM. Demodex blepharitis. *Surv Ophthalmol*. 2002;47(2):107-120. 4. Pflugfelder SM. Demodex blepharitis. *Surv Ophthalmol*. 2002;47(2):107-120.

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TP-03 is a Novel Drug Designed to Treat Demodex Blepharitis by Eradicating Mites and Collarettes<sup>1</sup>

Product Form	Multi-dose eye drop solution bottle, preserved
Targeted Use	Treatment of Demodex blepharitis
MOA	Paralysis and death of Demodex mites
Diagnosis	Collarettes identified in standard eye examination
Dosing	BID* for 6 weeks
Efficacy Goal	1 <sup>st</sup> collarette cure, 2 <sup>nd</sup> mite eradication, 2 <sup>nd</sup> redness + collarette cure
Safety Goal	Well-tolerated safety profile



\*BID means twice per day

1. TP-03 Product public based on Section 3 Trial Design

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### Xdemvy – What’s In The Bottle?

- Active Ingredient – lotilaner 0.25%
- Indication – treatment of Demodex blepharitis
- Dosing – one drop in each eye twice daily for 6 weeks
- Contraindications – none
- Warnings - none
- Adverse events
  - Instillation site stinging and burning (10%)

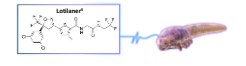


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### MECHANISM OF ACTION OF TP-03 (Lotilaner Ophthalmic Solution, 0.25%)

**TP-03 : Lotilaner ophthalmic solution 0.25% (Tarsus Pharmaceuticals, Inc.)**

- Lotilaner functions as a noncompetitive antagonist of mite and arachnid GABA-gated chloride channels<sup>1,2</sup>
- Directly paralyzes the mite nervous system through parasite-specific GABA inhibition, leading to death<sup>1-3</sup>
- The lipophilic nature of the drop suggests its ability to flow into the oily sebum of the lash follicle where the mites reside<sup>1</sup>



**Product form<sup>1</sup>**  
Preserved (sorbate) multidose eye drop solution in bottle

**Dosing<sup>2</sup>**  
Twice daily for 6 weeks

1. Food and Drug Administration (FDA). generic. accessed June 2022. 2. Lotilaner ophthalmic solution 0.25% (TP-03) [preserved (sorbate) multidose eye drop solution]. Tarsus Pharmaceuticals, Inc. 2022. 3. Lotilaner ophthalmic solution 0.25% (TP-03) [preserved (sorbate) multidose eye drop solution]. Tarsus Pharmaceuticals, Inc. 2022. 4. Lotilaner ophthalmic solution 0.25% (TP-03) [preserved (sorbate) multidose eye drop solution]. Tarsus Pharmaceuticals, Inc. 2022.

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### SATURN-1 AND SATURN-2 | PIVOTAL CLINICAL STUDIES OF TREATMENT FOR DEMODEX BLEPHARITIS

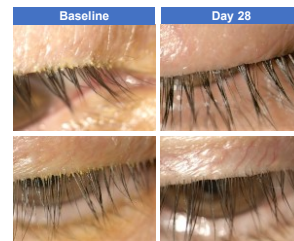
- Consistent cures and responses demonstrated in 2 pivotal trials, the largest clinical program for Demodex blepharitis, involving 833 patients**
- The primary and all secondary endpoints (collarette cure, mite eradication, lid erythema) met with high statistical significance**
- Clinically and statistically significant effects seen as early as 2 weeks**
- Very high responder rate to TP-03: 96% of patients improved at least 1 collarette grade; 89% achieved a clinically meaningful cure**

- Efficacy goal**  
1<sup>st</sup> collarette cure rate,  
2<sup>nd</sup> mite eradication,  
redness + collarette cure rate
- Safety goal**  
Well-tolerated safety profile

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### Cure of Collarettes with BID Use of TP-03



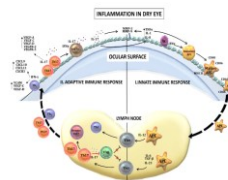
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**CyclaSol**  
Dry Eye Disease



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### Cyclosporine in DED – Mechanism of Action



- Inactivates T cells
- Inhibits release of inflammatory cytokines
- Prevents apoptosis of conjunctival epithelial cells
- Induces apoptosis of activated T cells

Tsubota K, Pfafffelder SC, Liu Z, Baudouin C, Kim HM, Messmer EM, Kruse F, Liang L, Carreno-Galeano JT, Rolando M, Nakoi R, Kinoshita S, Dana R. Defining Dry Eye from a Clinical Perspective. Int J Mol Sci. 2020 Dec; 42(12):9271. PMID: 33281888. 2. Kojouharova M, Kojouharova M. A Review of the Mechanism of Action of Cyclosporine A: The Role of Cyclosporine A in Dry Eye Disease and Recent Formulation Developments. Clin Ophthalmol. 2020 Dec; 2:44-187-4200.

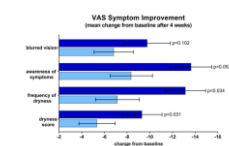


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### CyclASol (cyclosporine 0.1%)

- First-of-a-kind topical treatment of cyclosporine
- Cyclosporine is soluble in the excipient perfluorobutylpentane allowing for its improved bioavailability and better efficacy on the target tissue
- Contains no oils, no surfactants and is preservative-free due to the novel carrier
- Provides additional clinical benefits for patients, such as improved tolerability and decreased visual disturbances
- Each drop 20 µl in size

A Water-free 0.1% Cyclosporine A Solution for Treatment of Dry Eye Disease: Results of the Randomized Phase 2B/3 ESSENCE Study



Sheppard JD, Wirtz DL, McLaurin E, Boehmer BE, Colino JB, Meides AS, Schlitzer T, Oudier GW, Usner D, Kibbas S. A Water-free 0.1% Cyclosporine A Solution for Treatment of Dry Eye Disease: Results of the Randomized Phase 2B/3 ESSENCE Study. Cornea. 2023 Oct 1;40(10):1290-1297.

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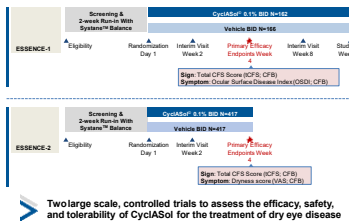
### Vevey – What’s In The Bottle?

- Active Ingredient – cyclosporine 0.1%
- Indication – treatment of the signs and symptoms of dry eye disease
- Dosing – one drop in each eye twice daily
- Contraindications – none
- Warnings - none
- Adverse events
  - Instillation site reactions (8%)

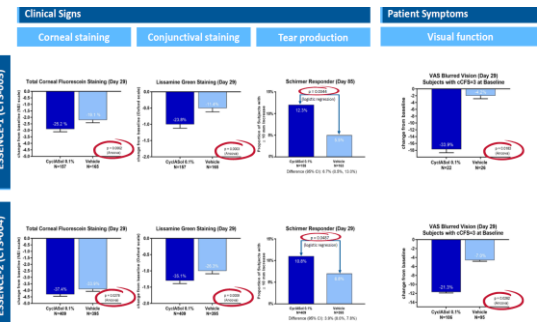
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### ESSENCE-1 and ESSENCE-2 Trial Designs

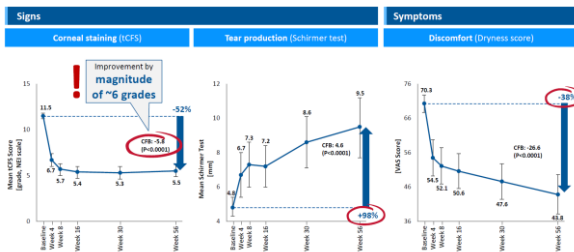


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### Clinical Benefit over 52 Weeks



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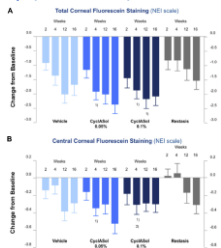
### Safety and tolerability profile

All AEs	ESSENCE-1		ESSENCE-2	
	CyclASol® 0.1%	Vehicle	CyclASol® 0.1%	Vehicle
Number of TEAEs	72	71	82	96
Number of subjects with at least one TEAE	46 (28.4%)	44 (26.5%)	71 (16.8%)	73 (17.8%)
Number of treatment-emergent SAEs	0 (0.0%)	3 (1.8%)	2 (0.5%)	3 (0.7%)
Number of subjects discontinued treatment due to an AE	3 (1.9%)	0 (0.0%)	2 (0.5%)	3 (0.7%)
<b>Ocular AEs</b>				
Number of TEAEs	31	23	68	75
Number of subjects with at least one ocular TEAE	20 (12.3%)	14 (8.4%)	57 (13.5%)	62 (15.1%)
<b>Ocular AEs occurring in more than 2% of patients</b>				
Visual acuity reduced	5 (3.1%)	3 (1.8%)	7 (1.7%)	13 (3.2%)
Instillation site pain/pruritus				
• Mild	4 (2.5%)	2 (1.2%)	42 (9.9%)	35 (8.5%)
• Moderate	0	0	1 (0.2%)	1 (0.2%)
• Severe	0	0	0	0
Vision blurred	2 (1.2%)	4 (2.4%)	2 (0.5%)	2 (0.5%)

CyclASol and its novel vehicle were generally safe and well tolerated with minimal reports of TEAEs similar between treatment groups

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Phase-2 study (CYS-002): tCFS and cCFS



(1) Statistically significant vs. Restasis (P 0.05) in analysis of covariance (ANCOVA);  
 (2) Statistically significant vs. Vehicle (P 0.05) in ANCOVA.

Wells et al. 2020  
<https://doi.org/10.1016/j.jxms.2019.03.004>

Thank You!

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