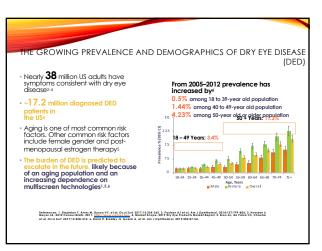
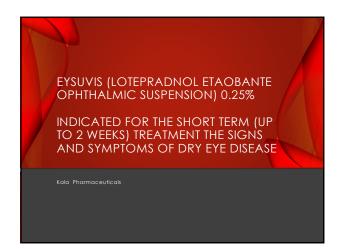
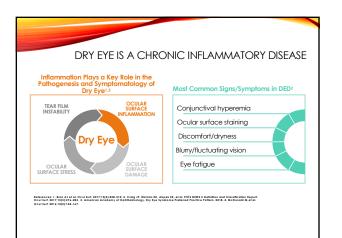


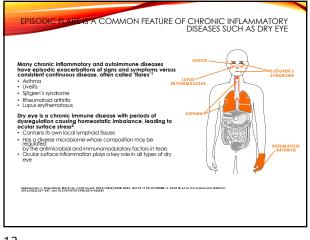
<section-header><section-header><section-header><section-header><section-header><list-item><list-item><list-item><list-item>

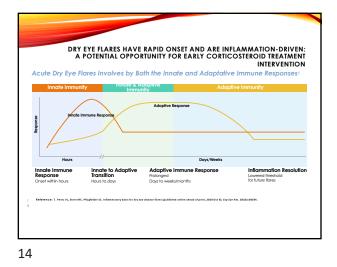


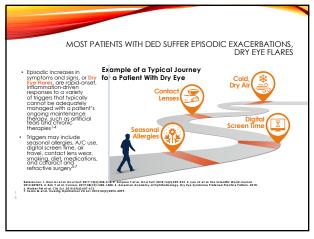


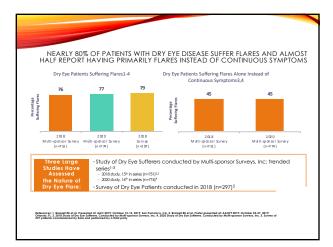


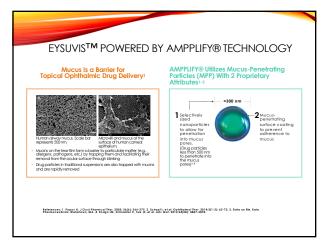




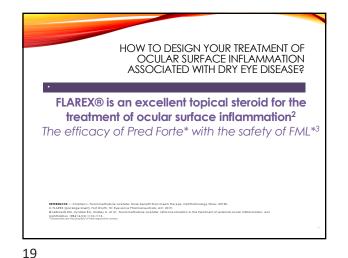


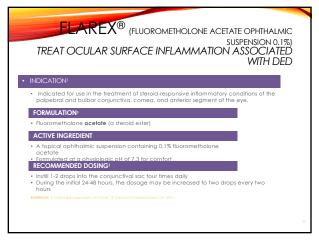




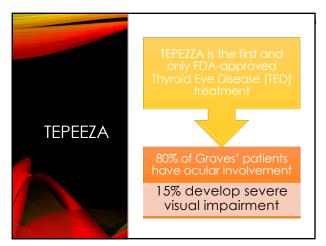


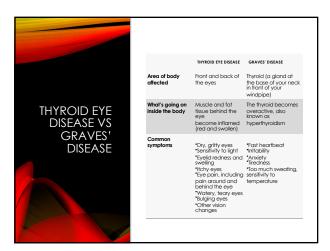




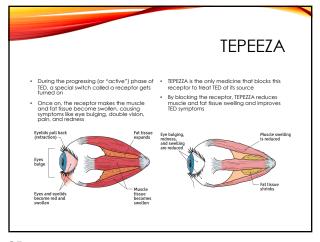






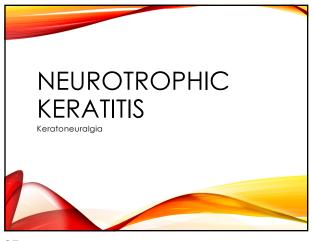




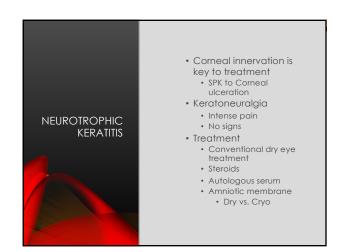




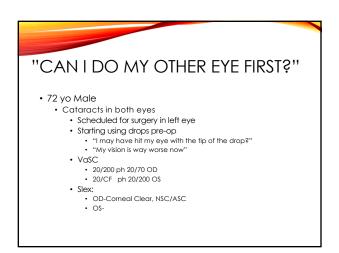










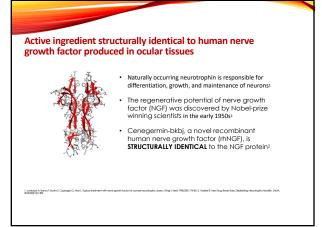


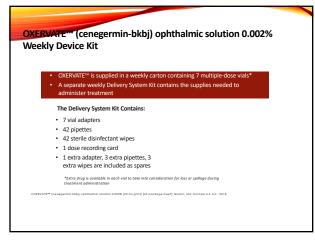


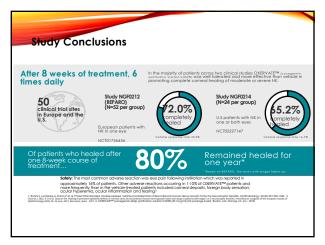


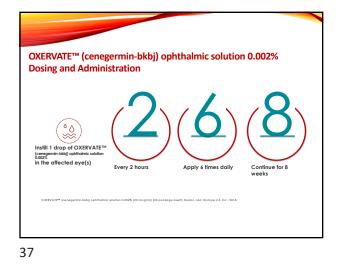
ENDOGENOUS NGF MAINTAINS CORNEAL INTEGRITY BY THREE MECHANISMS Endogenous Nerve growth factor acts through specific high-affinity (i.e., TrKA) and low-affinity (i.e. p75NTR) nerve growth factor receptors in the anterior segment of the eye to support corneal innervation and integrity.¹ CORNEAL INNERVATION NGF plays a role in nerve function and stimulates the regeneration and survival of SHOWN IN PRECLINICAL MODELS² NGF binds receptors lacrimal glands and CELL PROLIFERATION AND promo reflex aring DIFFERENTIATION TEAR SECRETION NGF stimulates proliferation, differentiation, and survival of corneal epithelial cells¹ ieratitis: the role of corneal nerves. J Cell Physiol. 2017 Apr;222(4):717-724. 3 t of neurotroahic keratitis. Clin Opitholmol. 2014;8:571-9. 4. Musi S, Colafra Mastropasqua I, Maxono-Giordano G, Nubile M, Sachetti M. Understanding the pathogenesis of new contents and function. *Sap Syn Res*: 2020 Mbg/26(5):521–62. 3. Sachetti M, Lambase A. Dagnosis and m Lastrinal Gands of Rex With and Without Interched Netholis Rigmentosa. *Convence*:321(2):21136–1568 1. Lontokase A. Ro

33



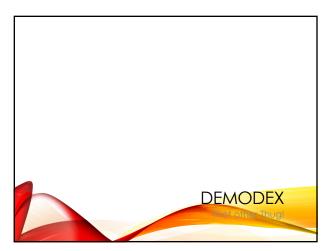


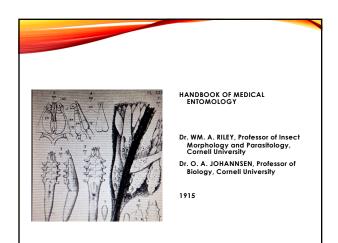




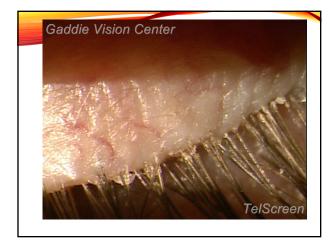


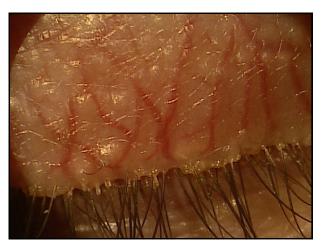






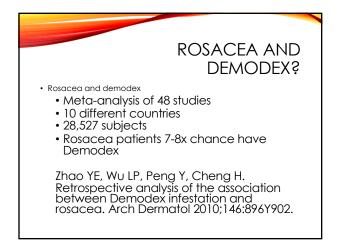


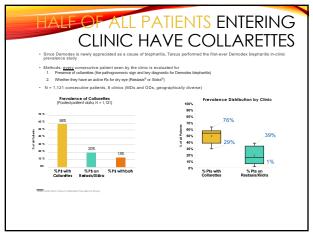








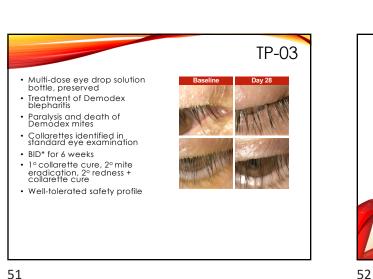




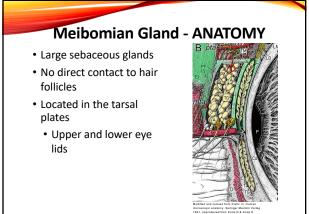
Y: TP-03 WORKS BY It's partents: 100% of miles be addin < 24 USING MITE DEATH

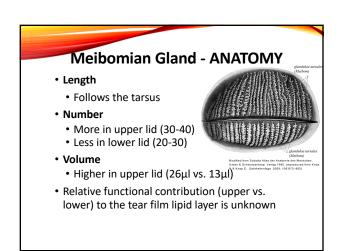






51





Ex-vivo mites extracted from the lasties of bleghand

0.7-0.6-0.5-0.4-0.3-0.2-**Urvival Probability**

50

50 60 70

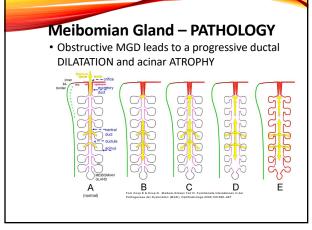
Time (Hours

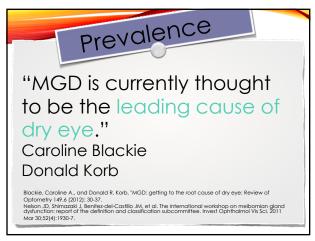
10

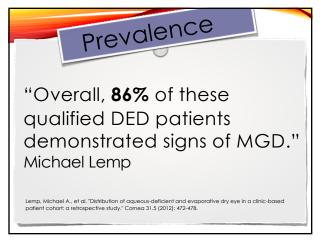
THE MOST COMMON

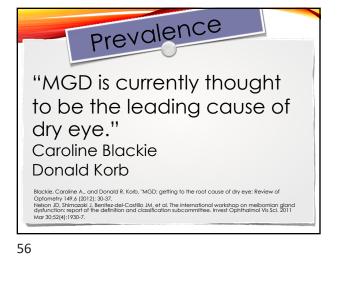
COMPLICATION

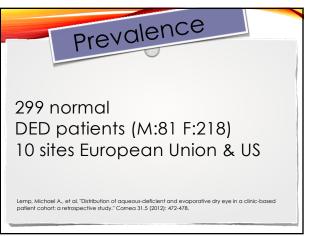
Meibomian Gland Dysfunction

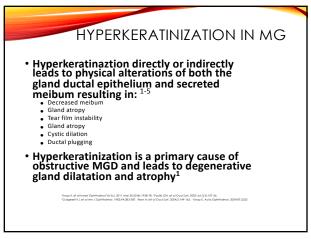


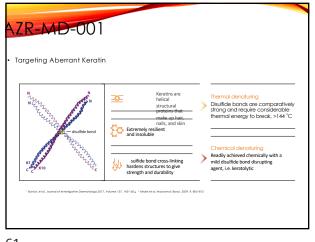


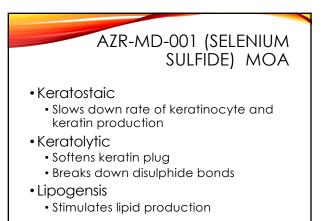


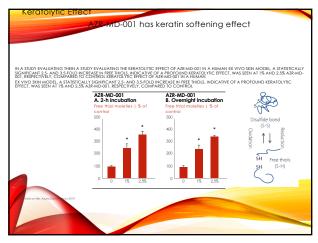




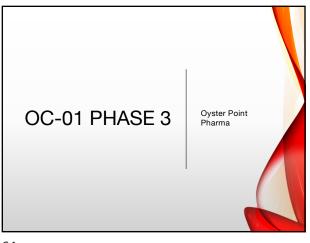


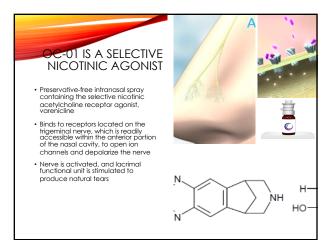








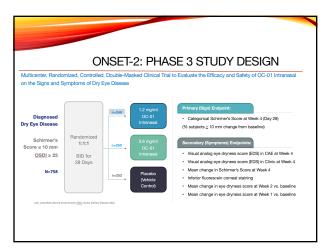


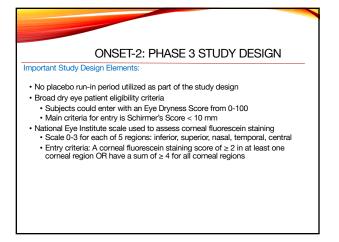


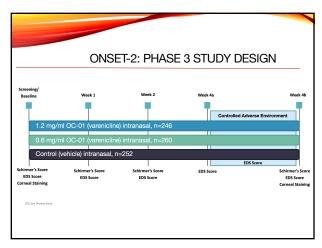


center, Randomized	d, Double-Mas	ked, Vehi	cle-Controlled	Jdy Design I Clinical Trial to Evaluate nd Symptoms of Dry Eye Disease
		n#44	1.2 mg/ml	
Diagnosed			OC-01 Nasal Spray	Primary (Sign) Endpoint:
Dry Eye Disease		n=48	0.6 mg/ml	 Schirmer's Score at Week 4 (Day 28)
Schirmer's Score ≤	Randomized 1:1:1:1	n=40	OC-01 Nasal Sprav	
10 mm				Secondary (Symptom) Endpoints:
OSDI ≥ 23	BID for 28 Days	n=47	0.12 mg/ml OC-01	Visual analog eye dryness score (EDS) in Clinic at Week 4
N=182			Nasal Spray	 Visual analog eye dryness score (EDS) in Controlled Adverse Environment (CAE) at Week 3
		n#43	Vehicle Control	
		·	(Placebo)	

	ONSET-1: D	EMOG			D BASE	
		Placebo (n=43)	0.12 mg/ml OC- 01 (n=47)	0.6 mg/ml OC-01 (n=48)	1.2 mg/ml OC-01 (n=44)	Total (n=182)
Mean Age at Randon	nization (years)	64.0 (10.3)	64.2 (12.7)	66.5 (9.4)	67.4 (10.6)	65.5 (10.8)
Age Range (min, max	x)	32, 89	24, 89	49, 88	22, 84	22,89
Sex, n (%)	Malo	11 (26)	11 (23)	14 (29)	9 (20)	45 (25)
	Female	32 (74)	36 (77)	34 (71)	35 (80)	137 (75)
Race, n (%)	White	40 (93)	42 (89)	39 (81)	36 (82)	157 (86)
	Black or African American	2 (5)	2 (4)	4 (8)	6 (14)	14 (8)
	Asian	1 (2)	3 (6)	4 (8)	0	8 (4)
	American Indian or Alaska Native	0	0	1 (2)	1 (2)	2 (1)
Ethnicity, n (%)	Not Hispanic or Latino	38 (88)	39 (83)	45 (94)	42 (95)	164 (90)
	Hispanic or Latino	5 (12)	8 (17)	3 (6)	2 (5)	18 (10)
Mean Baseline Schir mm), n (%)	mer's Test (with anesthesia,	4.5 (2.9)	5.2 (3.1)	4.8 (2.7)	5.5 (3.0)	5.0 (2.9)
Mean Cotton Swab S	Schirmer's Test (mm), n (%)	25.9 (7.0)	28.2 (7.3)	29.2 (7.8)	29.6 (7.5)	28.3 (7.5)
Mean Baseline Eye D	Dryness Score (mm), n (%)	65.2 (17.7)	65.6 (20.1)	63.7 (18.4)	53.5 (22.4)	62.1 (20.2)
1. Demographics of ITT-observed 2. Baseline Characteristics of Safe	Population ny Population					



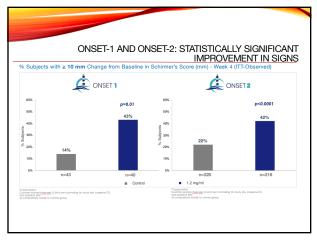


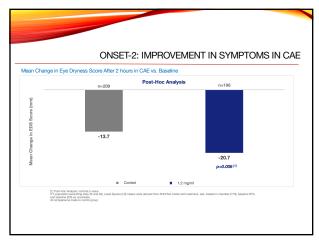


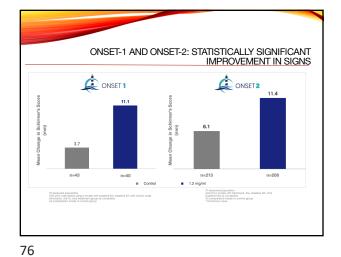


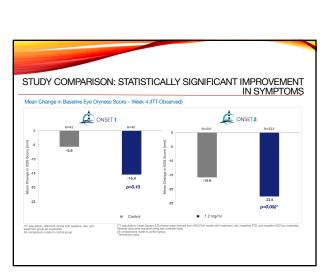
		Control	OC-01 0.6 mg / mL	OC-01	Total
		(n=252)	(n=260)	(n=246)	(n=758)
Mean Age at Rando	mization (years)	58.4	59.6	58.4	58.8
Age Range (min, ma	x)	23, 95	22, 91	22, 91	22, 95
Sex, n (%)	Male	51 (20.2)	66 (25.4)	65 (26.4)	182 (24.0)
	Female	201 (79.8)	194 (74.6)	181 (73.6)	576 (76.0)
Race, n (%)	White	211 (83.7)	219 (84.2)	200 (81.3)	630 (83.1)
	Black or African American	29 (11.5)	27 (10.4)	35 (14.2)	91 (12.0)
	Asian	5 (2.0)	11 (4.2)	7 (2.8)	23 (3.0)
	American Indian or Alaska Native	6 (2.4)	1 (0.4)	2 (0.8)	9 (1.2)
Ethnicity, n (%)	Not Hispanic or Latino	216 (85.7)	233 (89.6)	209 (85.0)	658 (86.8)
	Hispanic or Latino	36 (14.3)	27 (10.4)	37 (15.0)	100 (13.2)
Mean Baseline Schi	rmer's Test (with anesthesia, mm)	4.9	5.1	5.4	5.1
Mean Cotton Swab	Schirmer's Test (mm)	27.8	27.6	28.1	27.8
	Dryness Score (mm)	58.1	58.5	59.3	58.6

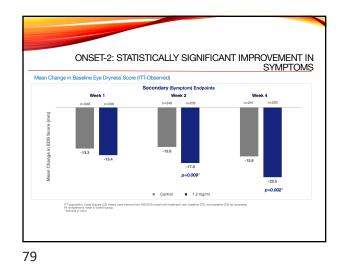














ONSET-2: SUMMARY OF TREATMENT-EMERGENT ADVERSE EVENTS 1.2 mg/ml (n=245) n (%) Cont (n=251) *n (%)* Subjects with any Treatment-Emergent Adverse Events (TEAE) 135 (53.8) 241 (98.4) Subjects with any Treatment-Related Treatment-Emergent Serious Adverse Events (SAE) 0 0 Subjects with any Ocular TEAE 31 (12.4) 32 (13.1) Subjects with any TEAEs Leading to Discontinuation¹ 8 (3.3) 4 (1.6) Related to Study Drug¹ 2 (0.8) 5 (2.0) reporting more than 1 event are only counted once at the maximum relationship reported, s defined as an AE that is new or worsened in severity compared to the first dose of study drug fav ware cut off at 28-day breatment period.

81

