

Disclosures- Greg Caldwell, OD, FAAO

- merican Optometric Association, Trustee 2013-2016
- A never used or will use my volunteer positions to further my lecturing career r Lectured for: Aerie, Alcon, Allergan, BioTissue, OptoVue
- Advisory Board: Allergan, Sight Sciences, Sun, Takeda Envolve: PA Medical Director, Credential Committee

Contornetric



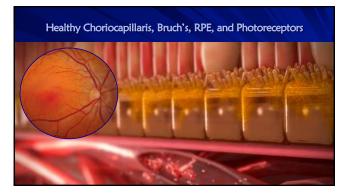
Course Description and Learning Objectives

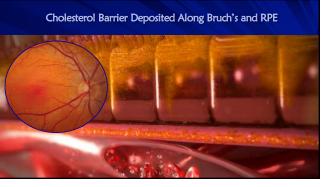
This course will reveal, feature, and spotlight innovations in primary eye care that will impact every optometrist. Technologies, pharmaceuticals, products, services, and processes that advance eye care will be discussed in a rapid-fire presentation. This course will keep you "in the know" for delivering advanced patient care.

- er/Discuss how the innovation will impact the diagnosis and treatment in eye care Areveal the benefit of embracing the innovation
- er⊅Demonstrate how it will impact patient care er⊅Demonstrate how to integrate the innovation into the clinician's practice
- Enhance the clinician's knowledge of selected innovations that impact eye care

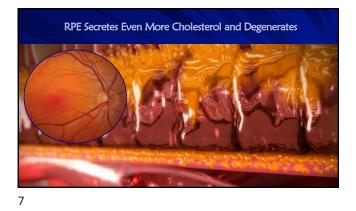
4

2



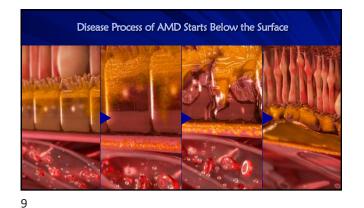


Innovations in Eye Care A Rapid-Fire Presentation What's Here, What's Coming, and What You Need to Know

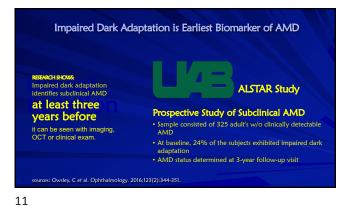


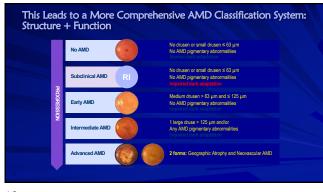


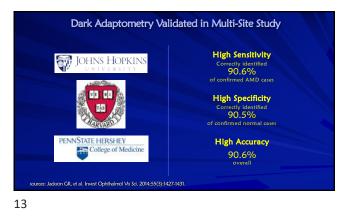
8



Subclinical AMD Early AMD Intermediate AMD









14



15

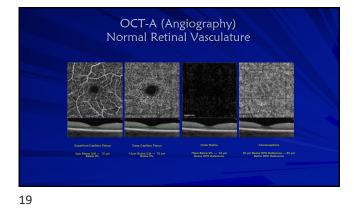


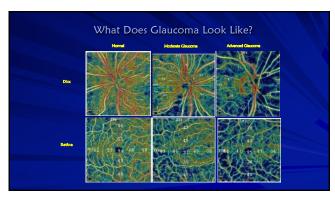
16



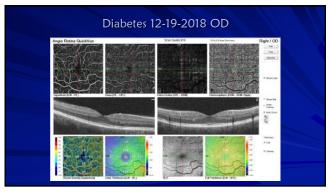
Enface OCT-A Slabs Based on Retinal Anatomy

February 2, 20/20

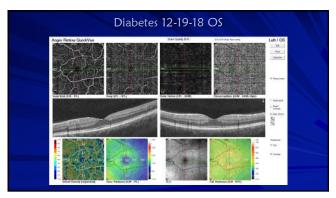




20



21



22





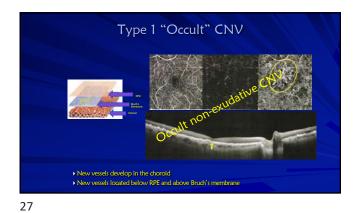
Innovations in Eye Care A Rapid-Fire Presentation What's Here, What's Coming, and What You Need to Know

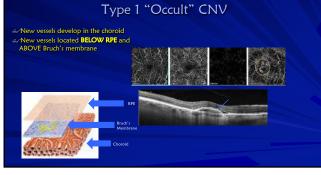




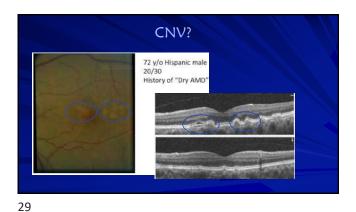


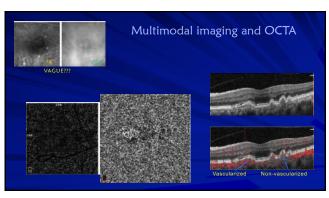
26



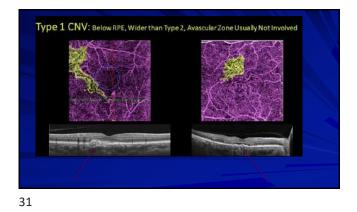


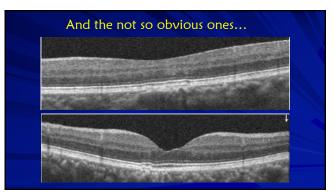
28



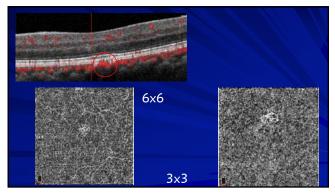


Innovations in Eye Care A Rapid-Fire Presentation What's Here, What's Coming, and What You Need to Know

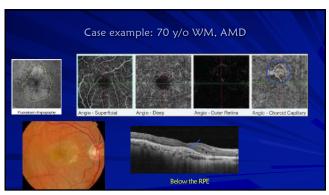




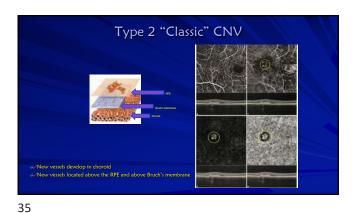
32

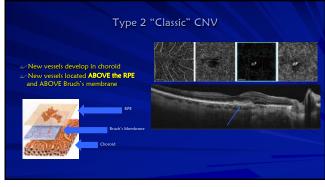


33



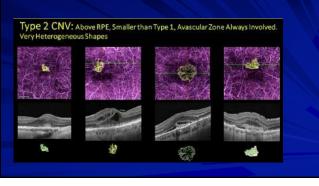
34





36

Innovations in Eye Care A Rapid-Fire Presentation What's Here, What's Coming, and What You Need to Know

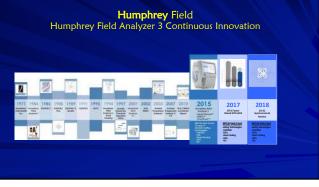


37



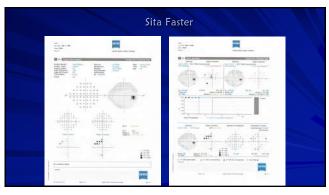
38





40

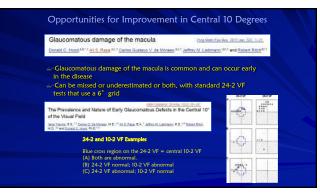




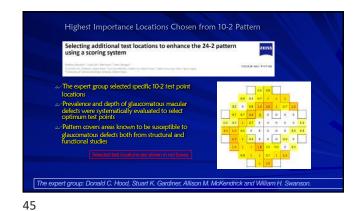
42

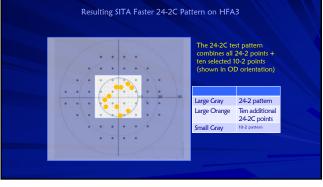
Innovations in Eye Care A Rapid-Fire Presentation What's Here, What's Coming, and What You Need to Know



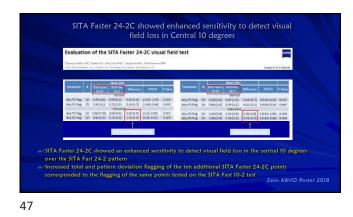


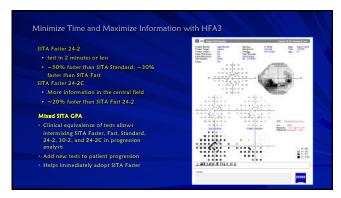
44



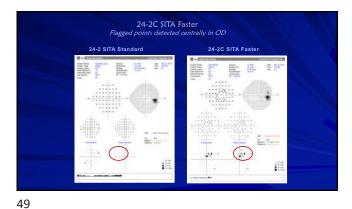


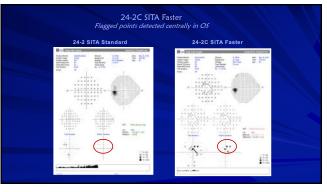
46





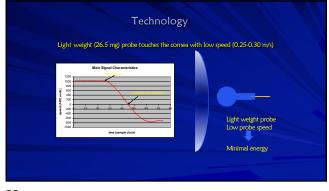
Innovations in Eye Care A Rapid-Fire Presentation What's Here, What's Coming, and What You Need to Know





50

What is it? * The lcare® HOME tonometer * Handheid * Battey operated device * Without the need for topical anesthetic * Intended as an adjunct for monitoring IOP of adult patients (self-use) * Caregivers in cases where the patient is not able to obtain their own measurements

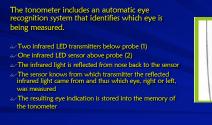


Icare EyeSmart: Automatic Eye Recognition

52

54







Average State <td

Why 24 Hr Monitoring: Advant IOP monitoring can reveal higher peaks and wider fluctuations of IOP than those found during tags. A low 14. Lebbaan 1, et al. Arch Opthalmol. 2006;124:793-791. Advance No 10P rises when a patient is supine; IOP peaks were measured upon awakening and the absentions on IOP rises was a patient is supine; IOP peaks were measured upon awakening and advance No 10P rises was a patient is supine; IOP peaks were measured upon awakening and advance No 10P rises was a patient is supine; IOP peaks were measured upon awakening and advance No 10P rises was a patient is supine; IOP peaks were measured upon awakening and advance No 10P rises was a patient is supine; IOP peaks were measured upon awakening and advance No 10P rises was a patient is supine; IOP peaks were measured upon awakening and advance No 10P rises was a patient is supine; IOP peaks were measured upon awakening and advance No 10P rises was a patient is supine; IOP peaks were measured upon awakening and advance No 10P rises was able to peak were measured upon awakening and advance No 10P rises was able to peak were measured upon awakening and advance No 10P rises was able to peak were measured upon awakening and advance No 10P rises was able to peak were measured upon awakening and advance No 10P rises was able to peak were measured upon awakening and advance No 10P rises was able to peak were measured upon awakening and advance No 10P rises was able to peak were measured upon awakening and advance No 10P rises was able to peak were measured upon awakening advance No 10P rises was able to peak were measured upon awakening advance No 10P rises was able to peak were measured upon advance No 10P rises was able to peak were measured upon advance No 10P rises was able to peak were measured upon advance No 10P rises was able to peak were measured upon advance No 10P rises was able to peak were measured upon advance No 10P rises was able to peak were measured upon advance No 10P rises was able to peak were measured upo

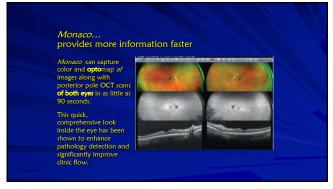
55

56

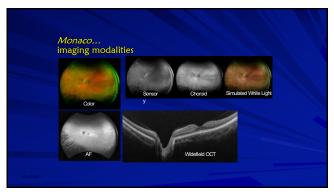




58

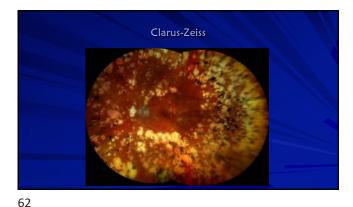


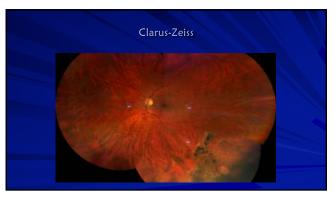
59

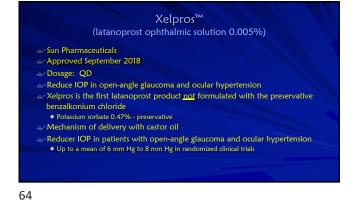


Innovations in Eye Care A Rapid-Fire Presentation What's Here, What's Coming, and What You Need to Know





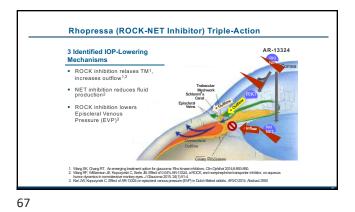


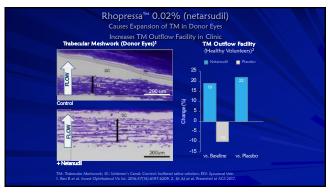


63

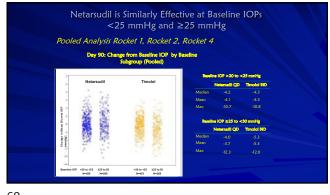




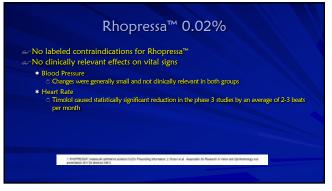




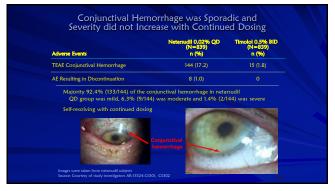
68



69



70

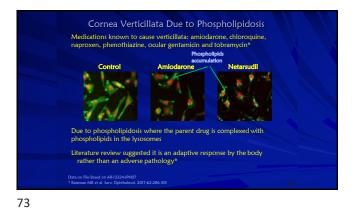








February 2, 20/20

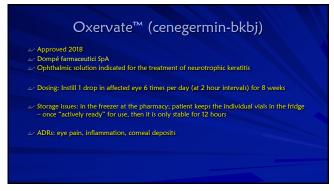




74

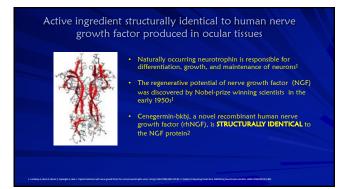








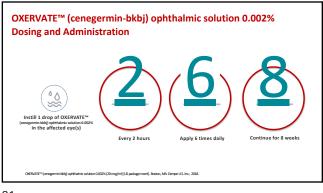




79

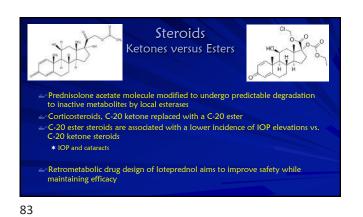
OXERVATE™ is supplied in a weekly carton conta A separate weekly Delivery System Kit contains t	
The Delivery System Kit Contains: • 7 vial adapters • 42 pipettes • 42 sterile disinfectant wipes • 1 dose recording card • 1 extra adapter, 3 extra pipettes, 3 extra	wipes are included as

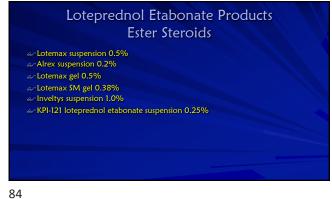
80



81







Lotemax SM (loteprednol etabonate) 0.38%

an Indicated for the treatment of post-operative inflammation and pain

- following ocular surgery
- ar SubMicron Particle size reduced to facilitate ocular penetration * Allowing for a decrease in drug concentration and dosing frequency (TID)
 - * Increase intraocular penetration
 - * Median particle diameter size reduced 5 to 12.5-fold:

 - Lotemax gel 0.5% = 3-5 μm
 * Potential for a ~10-fold increase in rate of drug dissolution Based on a 10-fold increase in relat with smaller particles

85

Lotemax SM (loteprednol etabonate) 0.38% er Increased concentrations demonstrated in ocular tissues Cornea and aqueous hume * Following single topical ocular instillation of Lotemax SM 0.38% vs Lotemax gel 0.5% in rabbits Compared to Lotemax Gel 0.5% * Single topical instillation of Lotemax SM 0.38% were greater in the aqueous humor and correa Concentrations in the conjunctiva remain the highest out of the ocular tissues, with ample drug to mediate anti-inflammatory effects at the ocular surface Formulation advancement while maintaining a low BAK * Lowest concentration of BAK, 0.003% among the commercially available corticosteroid ocular drops Inveltys is 0.01%

86

Lotemax SM (loteprednol etabonate) 0.38% Inveltys [™] - loteprednol etabonate suspension 1.0% & Kala (ka-la) Pharmaceuticals Submicron formulation is designed to reduce the Lotemax Gel drug concentration 0.38% vs. 0.5%) August 2018 Dosing frequency TID vs. QID Formulation builds on the heritage and advantages of Loternax gel 0.5%: * "Amplified Technology" * MOD Retrometabolically designed corticosteroid * Retains potent anti-inflammatory activity Mucoadhesive, non-settling, shear-thinning gel * A gel in the bottle; transitions to a liquid upon instilla stillation * Becomes mucoadhesive liquid on dilution with tears * No need to shake - uniform dosing * Non-blurring

87

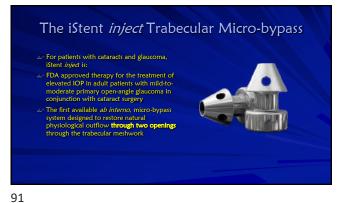


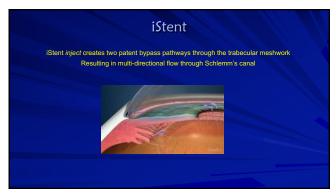
88





Innovations in Eye Care A Rapid-Fire Presentation What's Here, What's Coming, and What You Need to Know





92



93

