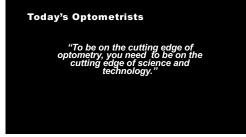
On behalf of Vision Expo, we sincerely thank you for being with us this year.

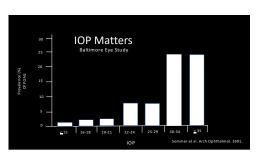
Vision Expo Has Gone Green!

We have eliminated all paper assiste evaluation forms. Please he sure to complete your electronic ession evaluations online when you login to request your Cetter for each course you attended by needed by important to us as our Education Planning Committee considers content and superkars for future meetings to provide you with the best education possible.

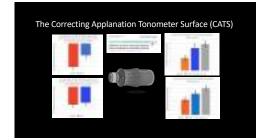


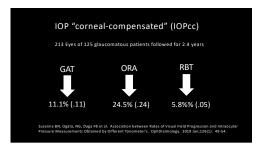






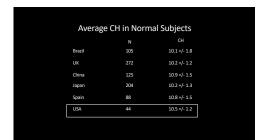




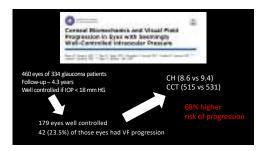


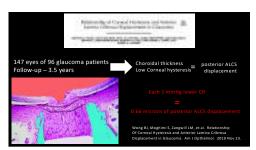


Corneal Hysteresis Comeal Hysteresis reflects the ability of the comeal tissue to dissipate energy: function of viscoelastic damping² Two predictive functions 1. Which glaucomatous eyes are most susceptible to visual field loss progression and risk of rate of progression? 2. Which eyes are susceptible to glaucoma? 1. Listo DA, Liciatora Reject Stop 200, 200, 134 (Calenta Reject Stop) 200, 134



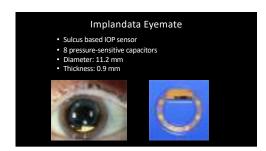








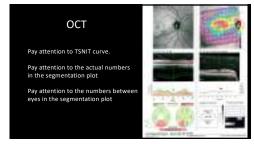


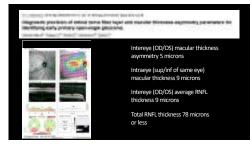






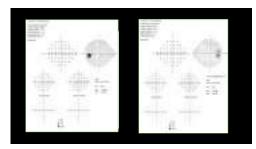


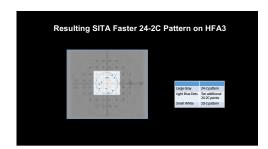


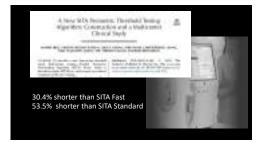




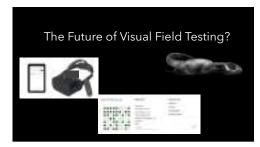


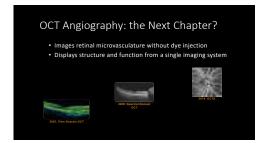


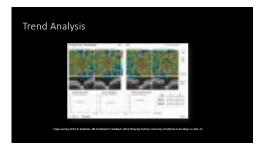




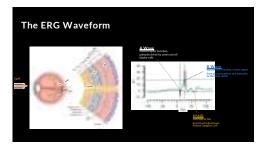




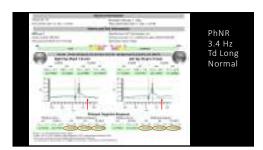












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Evaluation of an AI system for the automated detection of glaucoma from stereoscopic optic disc photographs: the European Optic Disc Assessment Study

- Objectives To evaluate the performance of a deep learning based Artificial Intelligence (AI) software for detection of glaucoma from stereoscopic optic disc photographs, and to compare this performance to the performance of a large cohort of ophthalmologists and optometrists.

- of optimizationalists and optimizations. Results

 Pegasus was able to detect glaucomatous optic neuropathy with an accuracy of 83.4%, (6% of 1.77.8-86.2)

 This is compagately all a pegage optimizations of the same energing of 80.5% / 80%.

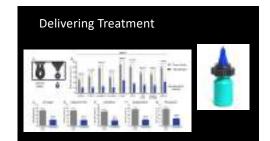
 There was no satisfactually significant difference by other the performance of the deep learning system and ophthalmologists or optimizations.

51

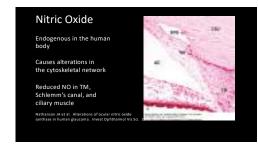
Genetics of Glaucoma

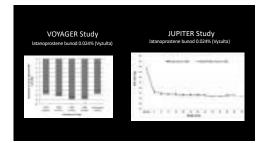
- Understanding the genetic basis of various forms of POAG glaucoma provides an
- Understanding the genetic basis of various forms of POAG glaucona provides an
 opportunity for trageting specific genes or biological pathways for disease.
 by genetic testing it may be possible in the future to provide personalized
 therapeuter plant for a given patient based on knowledge of their specific gene
 mutations and the molecular pathways they impact.
 Patients with gene variants in mitochondrial genes may benefit from antioidant
 therapies, whereas patients with mutations in lipid metabolism genes may
 benefit from doblested lowering medicalized. JAMA Ophthalian
 2015;127(7):765-765. doi:10.1001/j.jmmoghthalimol.2010.030.







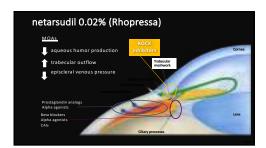


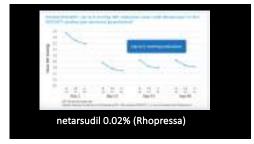


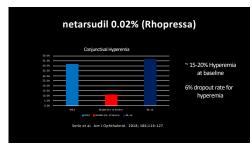


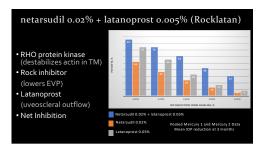


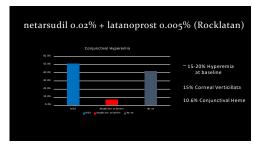


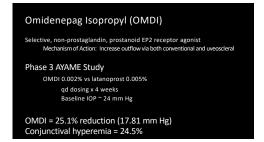




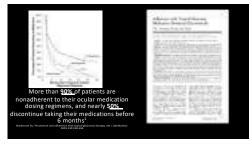




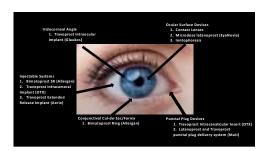


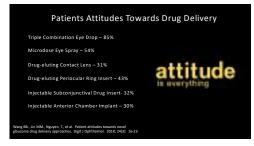
















Drug-Eluting Contact Lens

- Diopter Corporation
 Uses an approved contact lens with approved drugs
 Vitamin E Nano-barriers to extend drug release
- Phase I
 Subject wore contact lens for 2 day dosing period
 IOP reduction was observed over 9 days after the lens was removed
- Phase Ib and Phase 2 are planned for 2nd and 3rd quarter of 2021

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Drug-Eluting Contact Lens

- MediPrint Ophthalmics
 LIT-BMT1 drug eluting contact lens bimatoprost

- Phase I SIGHT-1
 Subjects wore the lens for 7 days continuously
 Demonstrated 100% tolerability and no adverse events
- · IOP efficacy was noted
- SIGHT-2 Pase 2b dose-ranging clinical study is underway

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Punctal Plug Delivery System
(Mati Therapeutics)

Latanoprost and Travoprost designs

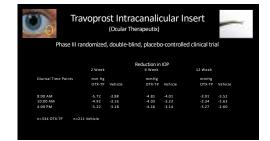
U.S. Phase II Multi-center Trials (Lower Puncta) Glau 12 (n=92) – 96% retention rate Glau 13 (n=87) - 92% retention rate

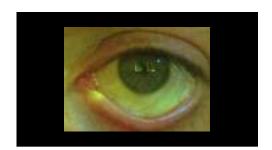












Bimatoprost SR (Alergan)
(10-microgram bimatoprost sustained-release implant)

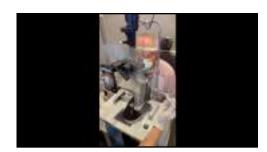
Biodegradable bimatoprost sustained-release implant

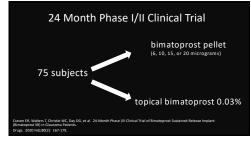
FDA-approved and indicated to reduce IOP in patients with open angle glaucom ao rOHT

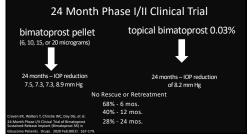
Single intracameral administration

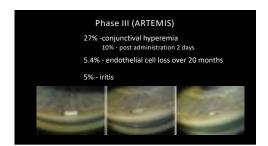
Phase I/II/III Studies



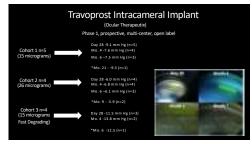




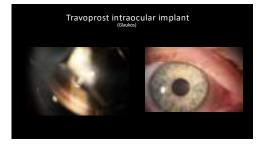












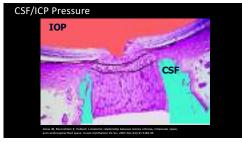
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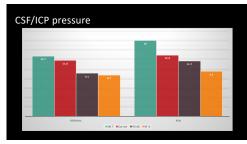


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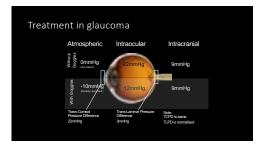
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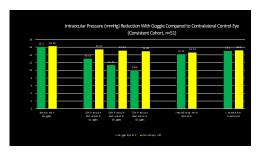


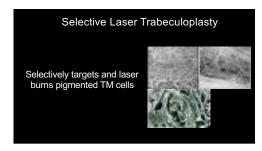




2/23/23







SLT Med Study (2012) Dr. Katz @ Wills Eye in Philadelphia * I Glaucoma 2012;1:1460-468	Selective Lane seriesy as Initial 1	r Trabecolopiesty Versus Medical restment of Glaccoma: A Prospective, Randomized Trial
Dr. Katz @ Wills Eye in Philadelphia J Glaucoma 2012;21:460-468	No. Co. ANY Page 5. Sec. Ch. Steel (1992)	Colonian Mill Colo Kirls Mill Street William (Chirl) and Street Mills Mill Mill Mill Street
CIT (100 and line) and 200 decrees of TM) and another lands	Dr. Katz @ Wills Eye in I	
SET (100 applications over 300 degrees of 1M) vs. prostagranum analog Primary outcome -> IOP Secondary outcome -> # of treatment steps		

SLT Med Study Treatment Arms				
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SLT vs. Prostaglandins

* SLT Med Study (2012)

Results:

1. 109 reduction:

• SLT – 35 75/0 0P reduction

• SLT – 35 75/0 0P reduction

• Dir reduces from 24.5 to 18.2 (6.3 mm/kg reduction)

• Prostaglandin – 28.3% (0P reduction

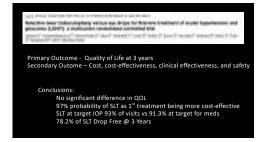
• Prostaglandin – 28.3% (0P reduction)

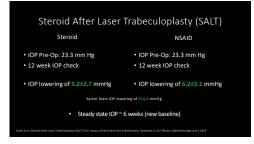
• Or reduces from 24.7 to 17.7 (7.9 mm/kg reduction)

2. # of treatment steps:

• SLT group - 11% of eyes required additional SLT

• Prostaglandin group > 27% of eyes required additional medication
```





















Technology is nothing.
What's important is that you
have a faith in people, that they're
basically good and smart, and if you
give them tools, they'll do
wonderful things with them.

justin.schweitzer@vancethompsonvision.com