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 session evaluation forms. Please be sure to complete your electronic session evaluations online when you login to request your CE letter for each course you stended! Your feedback is important to us as our Conference Advisory Board considers content and speakers for future meetings to provide you with the best education possible.	
<b>V</b> VISION EXPO	
VISION EXPO	
Justin Schweitzer, OD, FAAO has received honorarium	
from:	
Aerie – C/L     Alcon – C/L     Allergan – C/L     Bausch + Lomb – C/L     Ocular Therapeutix - C     EyePoint - C     Sight Sciences – C     Dompe - C     Sun - C     Equinox - I     Reichert - C     J&J – C/L     Glaukos - L     Horizon – C     Quidel – C     Zeiss – C     MediPrint	
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Horizon: A     J&J Vision: A, B	

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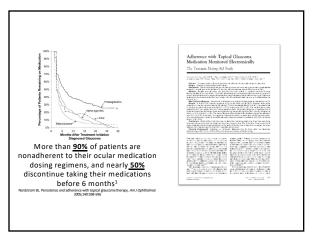
4

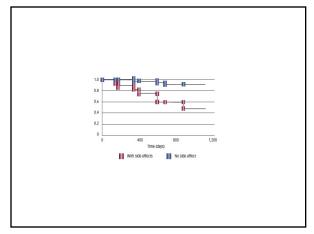
#### MIGS in Glaucoma

Justin Schweitzer, OD, FAAO Walter Whitely, OD, MBA, FAAO

Scott G. Hauswirth, OD, FAAO

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Is OSD a concern in your glaucoma patients and can MIGS play a role?

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# Glaucoma & Dry Eye The control of the first instance in Concentration Patients with Leng term Institution of Individual Conference in Concentration Patients with Leng term Institution of Individual Conference in Concentration Patients with Leng term Institution of Individual Conference in Conference in Concentration Patients with Leng term Institution of Individual Conference in Concentration Conference in Conference

#### The Association of Chronic Topical Prostaglandin Analog Use With Meibomian Gland Dysfunction

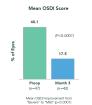
11

#### OSD IMPROVEMENT IN IMPLANTED EYES<sup>1</sup>

Prospective, multicenter trial evaluating four ocular surface metrics 3 months post-stent implantation.

n=47 eyes

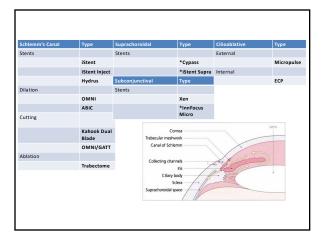
- Other ocular health metrics improved as well:
  - 49% longer time to tear break-up (FTBUT) (p<0.0 Significantly reduced corneal/conjunctival staining (Oxford Schema) (p<0.0001)
  - Trend toward less hyperemia (Efron Score)



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#### MIGS

Procedures that have an ab-interno approach, are minimally traumatic, with at least modest efficacy, extremely high safety and rapid recovery .

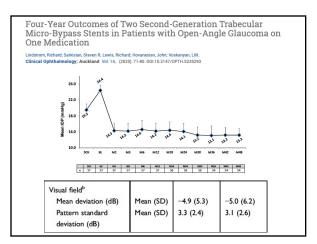


How do you differentiate between the various MIGS procedures when referring your patients?

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Trabecular Microbypass Stent (iStent Inject W)

l.



## Schlemm Canal Microstent (Hydrus)

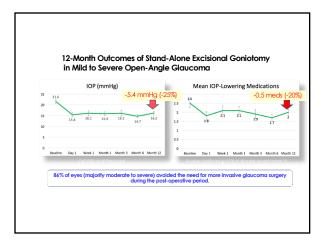
20

## HORIZON Trial — 4 Year Update Baseline IOP (mm Hg) after washout 65% 41% 48 months mean IOP (mm Hg) 16.7 (+/-3.1) 17.2 (+/-3.2) unmedicated 16.9 (+/-3.3) 17.3 (+/-3.4) 1 preoperative med 52.6% 54% 2 to 4 preoperative med 47.4% 46% 5 Year Update — 66% patient's remain medication-free and 61% reduction in risk to need further surgery

AQUEOUS ANGIOGRAPHY VIDEO

Excisional Goniotomy (Kahook Dual Blade)

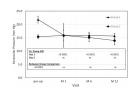
24



Ab-interno Trabeculotomy +Viscocanalostomy (OMNI)

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Canaloplasty and Trabeculotomy with the OMNI System in Pseudophakic Patients with Open-Angle Glaucoma: The ROMEO Study



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Subconjunctival Stent (Xen)

	Baseline	12 month
	25.1 (3.7)	15.9 (5.2)
Medicated IOP		
	3.5 (1.0)	1.7 (1.5)
Glaucoma Meds		
Hypotony	16/	24 6%)

Hypotony 16 (24.6%) Bleb Needling 21 (32.3%)

### Post-operative Considerations with MIGS

- 1. Stopping GLC Meds
- 2. IOP Spikes
- 3. Hyphema
- 4. Hypotony
- 5. Establish New Baselines

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### In Conclusion...

- Glaucoma is both a <u>medical</u> and <u>surgical</u> disease
   Key to success is collaboration
- Trends in treatment aim to **balance** effectiveness and safety
- MIGS procedures allow for <u>interventional glaucoma</u>

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## Thank You!

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