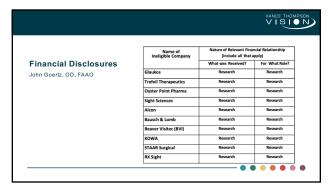


VANCE THOMPSON **Financial Disclosures** Brandon Baartman, MD Lecture Research
Lecture
Research
Consultant STAAR Surgical Research • • • • • •

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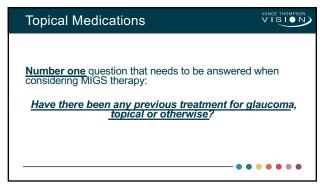
VANCE THOMPSON Nature of Relevant Financi (include all that app What was Received? Name of Ineligible Company For What Role? **Financial Disclosures** Kristen Walton, OD, FAAO Trefoil Therapeutics Ovster Point Pharma Research Research Sight Sciences Alcon Bausch & Lomb eaver Visitec (BVI) KOWA STAAR Surgical Research . . . . . .

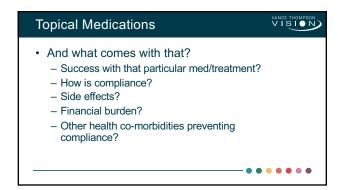
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VANCE THOMPSON **Defining MIGS** · IOP lowering surgery with the following characteristics: 1. Minimally traumatic 2. Via a conjunctiva-preserving approach 3. High safety profile 4. Rapid recovery 5. Combined with cataract extraction or standalone • • • • • •

VISION Gathering the Facts · Pre-testing/pre-surgery information - FxHx - Topical medications currently? - IOP • ORA - Pachymetry GonioscopyOCT of RNFL - Perimetry – Cataracts?

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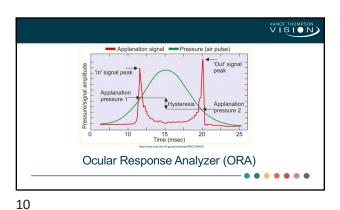
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Multicenter Study > Ophthalmology. 2009 Feb;116(2):191-9.
doi: 10.1016/j.ophtha.2008.09.004. Epub 2008 Dec 12.

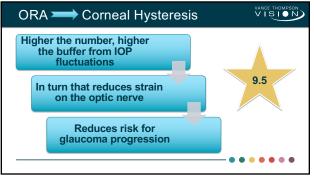
Adherence with topical glaucoma medication monitored electronically the Travatan Dosing Aid study

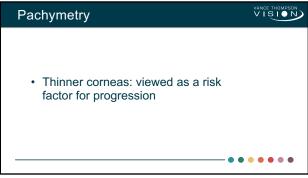
Constance O Okeke <sup>1</sup>, Harry A Quigley, Henry D Jampel, Gui-shuang Ying, Ryan J Plyler, Yuzhen Jlang, David S Friedman

Affiliations + expand
PMID: 19084273 DOI: 10.1016/j.ophtha.2008.09.004

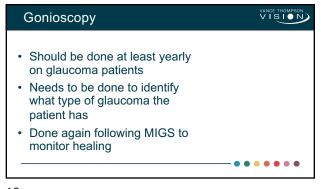


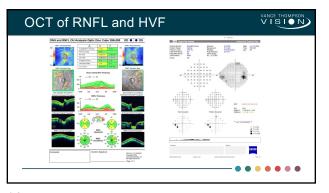
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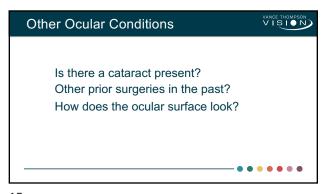




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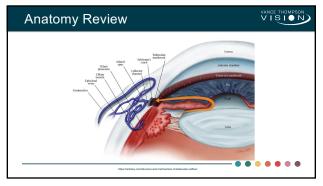


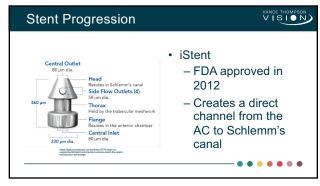




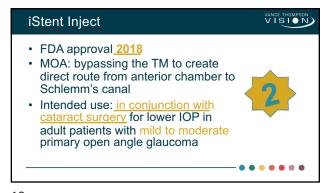


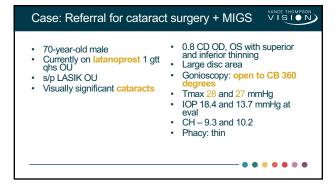
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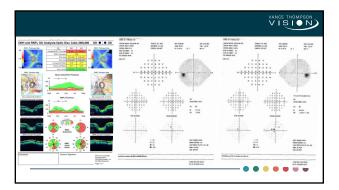




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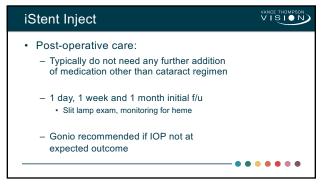


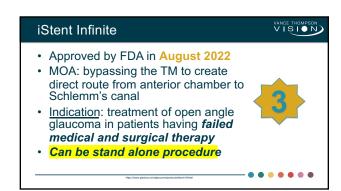




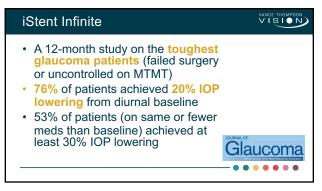


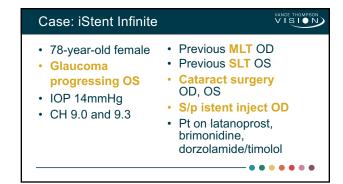
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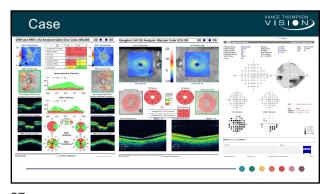


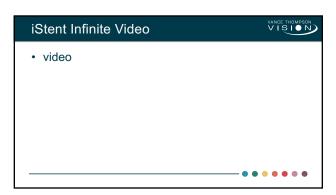


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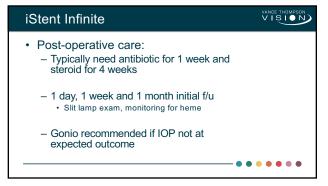


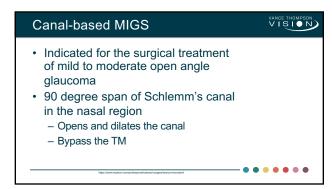




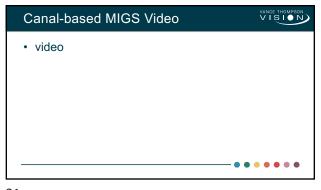


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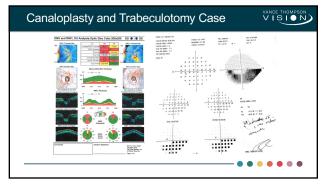


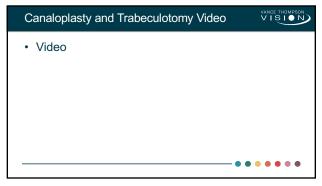


Canaloplasty and Trabeculotomy Case
74-year-old female
Cat/glaucoma eval
Dx glaucoma 2015
On Latanoprost 1 gtt qhs OU
Visually significant cataract
Open to CB OU
IOP 22.7, 18.6 mmHg
0.6 inferior notch OD, 0.7 superior notch OS

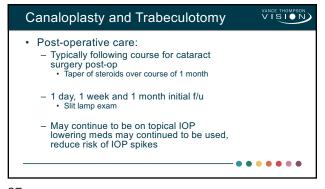
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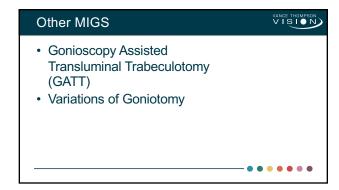
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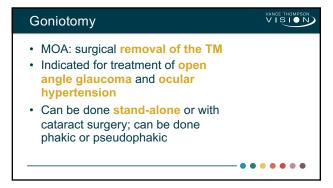


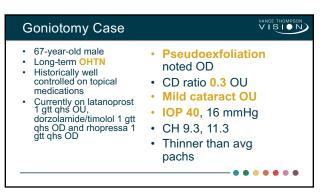


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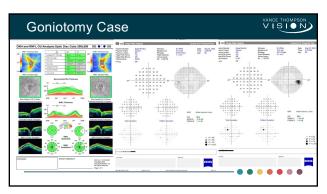






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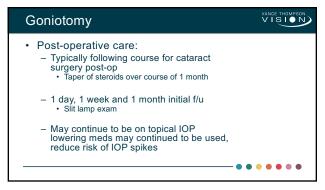
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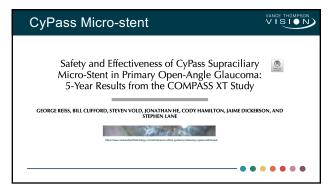


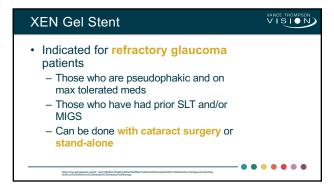
Goniotomy Video

• Video

41 42







MOA: drainage shunt from the AC to the subconjunctival space
 Response

 In the primary analysis at 12 months, 76.3% (95% CI = 65.8, 86.8%) of subjects achieved ≥ 20% mean diurnal IOP reduction on the same or fewer number of medications vs baseline (N = 65).

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Xen Gel Stent

• Post-operative care:

- Antibiotics and Steroids warranted

- Looking out for:

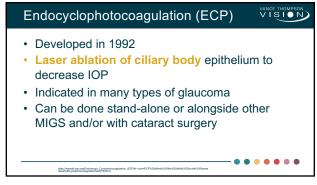
• migration of stent

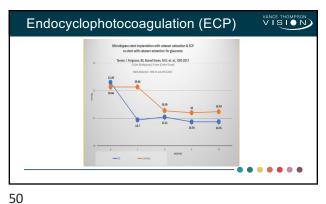
• Hypotony

• Bleb dysfunction

- Wound leak, scarring

47 48







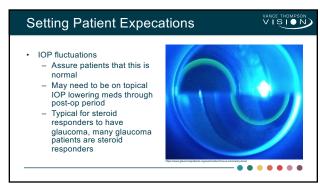
Post-operative care:

Typically following course for cataract surgery post-op
Steroids and NSAIDs

1 day, 1 week and 1 month initial f/u
Slit lamp exam

May continue to be on topical IOP lowering meds may continued to be used, reduce risk of IOP spikes

51 52



53 54

