

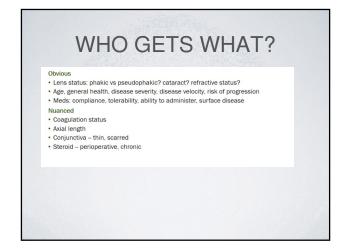
Age-Related Changes in Trabecular Meshwork Imaging Mark E. Gold. Sema Kanasa. Kundandeeps S. Nagl. 2 Nicholas P. Bell. 3 Lauren S. Bilden. 3 Alloe Z. Change. *Laura A. Baker, 3 Kimberly A. Mankiewicz. 3 and Robert M. Feldman (2) 1.3 Thickening of elastic fibers Decrease in aqueous drainage thru the pores Increase in intra cellular matrix, causing increase resistance to outflow Are we picking the wrong patients for these meds?

CHANGING PRACTICE PATTERNS

- · Being a drop minimalist by choosing wisely
- · Dual or multiple mech of action
- Moving away from palliative treatment— Timolol=decreasing aqueous production
- · Moving toward improving aqueous outflow
- Treating where the disease is, but may need to use the meds earlier

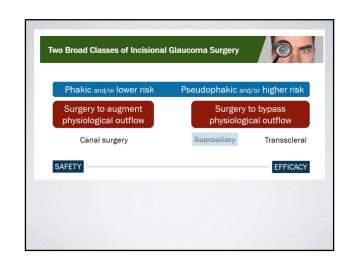


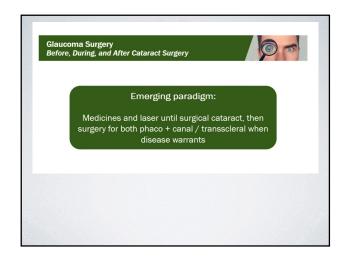


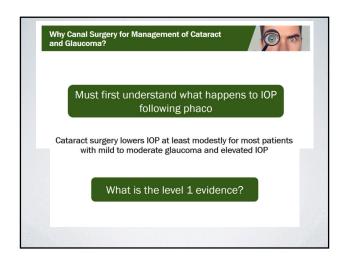


WHY DO I APPROACH GLAUCOMA SURGERY THE WAY I DO?

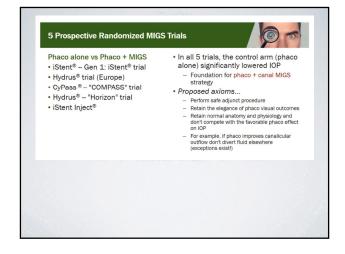
- · Guiding principles:
- · Risk of glaucoma surgery should not exceed the disease risk
- Individualize for each patient
- · The canal is dynamic and pulsation, not hollow and static
- · Retain normal physiology and anatomy when feasible
- Respect HYPOTONY as much as HIGH IOPS
- · latrogenic vision loss keeps me awake at night

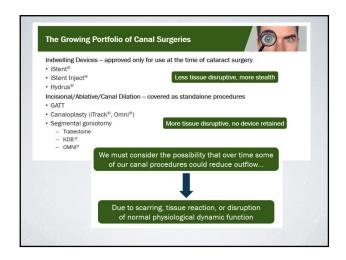


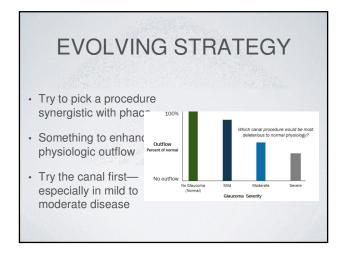


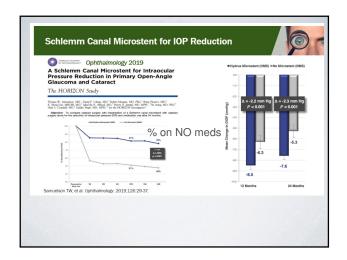


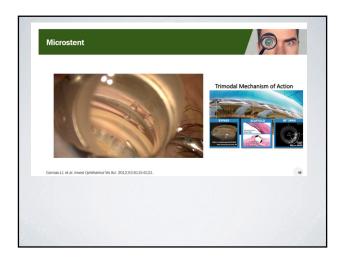


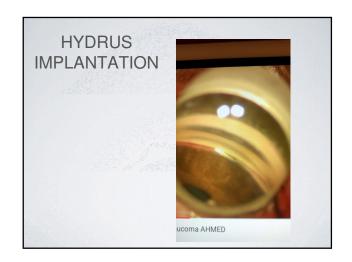


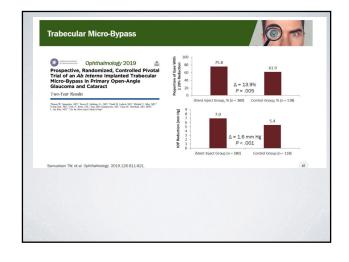








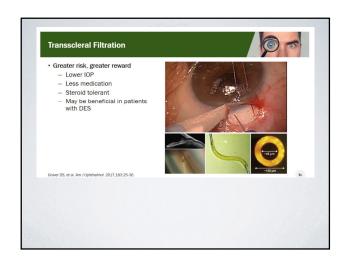


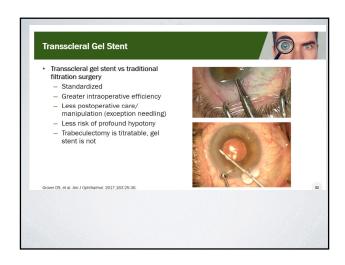




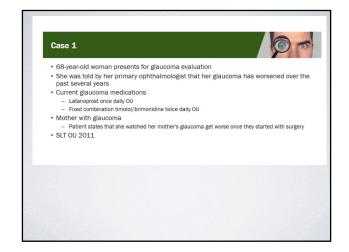
VERY CAUTIOUS WITH SEVERE DISEASE

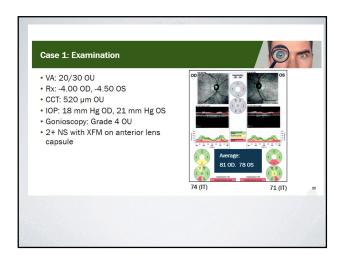
- · Sometimes, we need to be more aggressive
- · Generally we start with canal surgery,
- · But use all the tools when necessary:
 - Canal—>supracilliary—>transscleral(XEN, TRAB, TUBE)—>Cilioablative

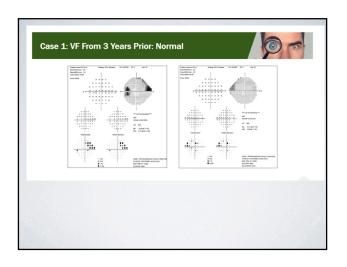


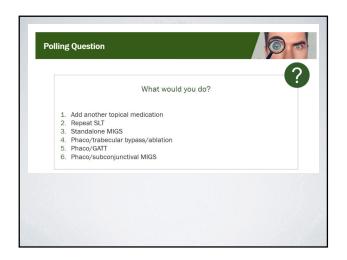


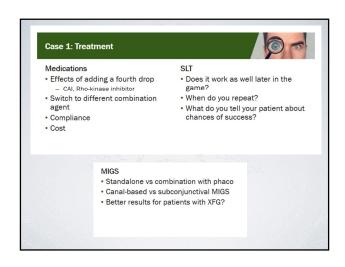


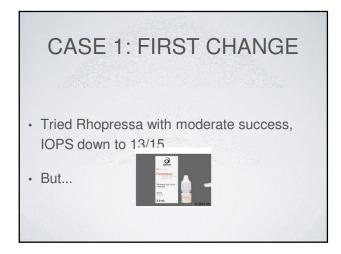














NOW WHAT? • She's not ready for CE IOL, despite having 2 + NSC • Still uncomfortable about having surgery given mom's experience

