

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 complete your electronic session evaluations online when you login to request your CE Letter for each course you attended! Your feedback is important to us a our Conference Advisory Board considers content and speakers for future meetings to provide you with the best education prossible.



#### Financial Disclosure

Shana Barrett Zeitlin, O.D. has no financial interests to disclose. Vincent Young, M.D. has no financial interests to disclose.

#### Communication: Between the ophthalmologist and optician

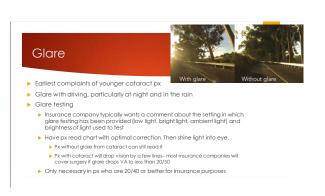
- ► Important that docs and opticians work together
  - Comanagement
  - Optometrist and ophthalmologist
- Developing understanding of expectations and limitations
- ▶ Patient satisfaction is the ultimate goal

#### Communication: Between the optician and the patient Appeasing the unhappy patient Improving patient-doctor relationship Happy people don't shoot their husbands,

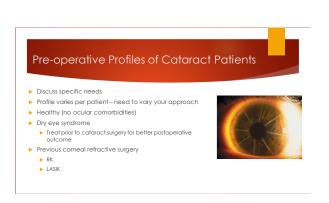
they just don't.

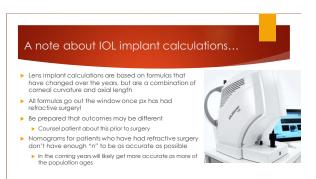
Cataract-related Vision Deficits – impact on activities of daily living

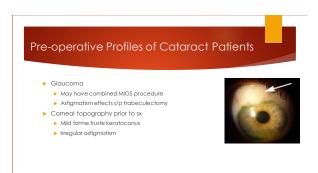
- ▶ Blurred vision
- Distance driving, television, captions
- ▶ Near reading, using smartphones and other electronic devices
- Glare
- ► Requiring brighter light for indoor activities

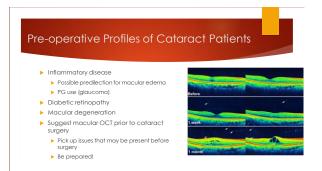








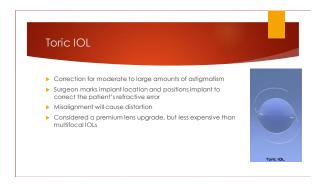


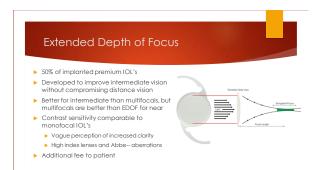




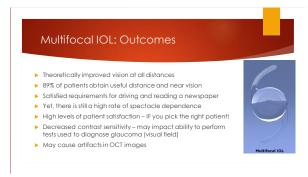


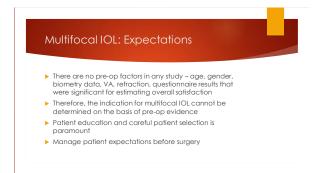
















# NFIOL Residual Post-op Vision Complaints Inadequate distance correction- Only 68% of patients are spectacle free Inadequate near correction - 20% of patients are dissatisfied or very dissatisfied Same degree of dissatisfaction in patients with EDOF lenses and bifocal IOU's with additional powers of 3D and higher for near Post-op near vision was less important determinant of overall satisfaction even though it was the reason for the multifocal lens in the first place! Inadequate intermediate vision Photic phenomena - glare, haloes, waxy vision, starbursts Dysphotopsia Anisometropia in the immediate postop periods Land-erm anisometropia?

### Caution in patients with concurrent eye disease Dry eye syndrome is present in 15% of patients dissatisfied with multifocal IOL Multifocals will not cause more DES, the px will just notice it more because of their expectations of perfect vision without glasses! Mare likely to be higher maintenance patients Additional fee to patient Patient dissatisfaction sometimes results in IOL exchange Safety of exchange is lower than primary cataract surgery

## Safety of lens exchange If early in process- no scarring- less risky to do lens exchange If early in process- no scarring- less risky to do lens exchange Pulling on capsule once scarred down Can breach posterior chamber Refinal complications

### Unexpected refractive results: immediate IOL displacement forward results in more myopia than expected If goal was OU distance acuity, may result in monovision Interests and contracture of bag around haptic (vaulting of optic) Retained viscoelastic If no disease present (correctable to 20/20), then a refractive solution is needed

# Unexpected refractive results: delayed Scarring – 3-6 months to take place May have refractive change after post-op period PCO (posterior capsular opacification) General sense of blur More astigmatism on autorefraction No major improvement with careful refraction



# Differential management Intermediate glasses May be useful for MFIOL with computer use DVO - Driving glasses Post-monovision implants Low astigmatism, low myopia PAL vs. bifocal Expense vs. practicality Often, patients who had a PAL don't realize how much they depend on the intermediate portion "I'm refired now"



#### Contact lenses are a viable option

- Cataract surgery does NOT preclude the patient from wearing contact lenses!
- ▶ Ability to trial different refractive corrections without glasses remakes
- ▶ Multifocal CL after monofocal IOL
- ▶ Dry eye?
  - ▶ Ideally, treated before cataract surgery
  - Newer lens materials
  - ▶ Daily disposable options are increasing
  - ► Punctal plugs?



#### YOU are a vital part of the cataract surgery process!

- ▶ Too often we diminish the role of glasses correction when really it's exactly what the patient needs
- ▶ Not just about value of selling/making more money
- Opticianry is about helping person live their lives well after medicine and surgery have done all that they can do
- ► MUCH easier to have a 20/happy patient when options are explained prior to surgery



