IOL EXCHANGE

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DISCLOSURES

• Accutome – Grant Support
• Alcon – Consultant, Lecture Fees
• Haag-Streit – Consultant, Royalties
• MST – Lecture Fees
• Ocular Therapeutix – Consultant, Shareholder
• PowerVision – Consultant
• WaveTec Vision Systems – Consultant, Lecture Fees, Research grant
• US Patent for Anti-Dysphotopic IOL – Royalties Morcher

INDICATIONS FOR IOL EXCHANGE

• Malpositioned IOL
  • Early – typically pilot error, ruptured capsule/tones, GPA in sulcus
  • Late – typically decanted with haptics in
• IOL Opacification
• Wrong Power IOL
• Failure of Neuroadaptation – Multifocal IOLs
• Dysphotopsias
• UGH Syndrome
• “Tender to Touch”
“TOOLS OF THE TRADE”

- Micro-instrumentation – MST
- Choice of OVDs
- Work under low illumination
- Re-open capsule bag
- Remove/Cut/Fold IOLs
- Femtosecond Laser
- Vitrectomy/Pars plana approach
- Ira vs Scleral suture fixation
- Stabilizing the IOL
- Optic capture
- Pupilloplasty

MICROSURGICAL INSTRUMENTS
REOPENING THE CAPSULE BAG

• 1 – Posterior Capsule Rent
• 2 – Anterior Capsule Rent
• 3 – Zonular Disinsertion
• 4 – Success!
MULTIFOCAL IOLs - SELECTION CHALLENGES: AVOID THE “OPATHIES”

- Keratopathy
- Optic neuropathy
- Zonulopathy
- Pupillopathy
- Maculopathy
- Sociopathy
OPAQUE IOL

- Opaque IOL
- 62 y/o woman 7 years post phaco/IOL
- 3 piece AcrySof IOLs
- Open capsules
- Bilateral condition
- SSNG – subsurface nanoglistenings

VARIABLE OPACITY