The Crowded Anterior Segment
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Disclosures: Samuel Masket MD

- Consultant Fees – Alcon Laboratories
- Consultant Fees – PowerVision
- Consultant Fees – Ocular Therapeutix
- Royalties – Haag-Streit
- Research Grant – Accutome
- Licensing Agreement – Morcher

Pre-Operative
Inherent Anatomy
Microphthalmos - CBG
Nanophthalmos - SCE
Lens Induced
Phacomorphic
Phacotopic
Diffuse zonulopathy
Intraoperative
Aqueous Misdirection
SCE – H Spectrum
Therapeutic Approaches – Pre Surgical

Hyperosmolar agents
Anesthetic options
Incision construction
OVD – cohesive
Pre – Phaco Vitrectomy

Case # 1 Jan 08

68 y/o with PEX and diffuse zonulopathy
S/P LPI OS
ACD OD 2.63 mm
ACD OS 2.10 mm
AL OD 23.74 mm
AL OS  24.09 mm

Case # 2 April 09

69 y/o S/P AAG c PI
Intumescent Cat
Surgery aborted
S/P CE/IOL OS
ACD RE 1.99 mm
ACD LE 3.25 mm
AL RE 22.43
AL LE 22.51
Case # 3 May 2011

- 70 y/o SP PPV for Macular Hole RE 6 mos earlier
- Dense NS Cataract with PC plaque
- AC shallowing and iris prolapse during hydrodissection