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Mastering the posterior capsule: Thinking out of the bag paradigm change

Reasons for and methods of creating a hyaloid sparing posterior capsulotomy to be described by video and discussed. Techniques including manual, femtolasers (off label), Zepto, and CapsuLaser, being developed for anterior and posterior capsulotomy are to be demonstrated. Retro-lenticular anatomy will be delineated. Cases include conversion of PCR in complications, resolution of unpolishable plaques and primary rhexis in pediatrics, uveitis and routine adults shown. Posterior optic capture into Berger's space and innovative sulcus bicapsulotomy capture will be shown and discussed. Prospective evidence both published and, as yet unpublished, will be reviewed proving the value and safety of the posterior optic capture technique originally described in 1994 by Howard Gimbel. Benefits will be stressed; in particular, a zero rate of secondary cataract for all ages without vitrectomy, improved initial stable vision and other potentially profound advantages with regard to lens subluxation, retinal pathology and glaucoma. Economic realities and impact will be covered. At the conclusion of the symposium the attendee will be knowledgeable enough to consider a hyaloid sparing posterior capsulorhexis and optic capture technique as the future of cataract surgery, know developing automated technology for capsulotomy and its learning curve and understand the paradigm changing advantages of making cataract surgery a permanent visual solution for all ages eliminating the need for Yag capsulotomy and planned pediatric anterior vitrectomy. PCO can, must be eliminated. The knowledge, technology and technique exists; the economic impact is huge. The benefits of intact hyaloid for all; legion.

Biography

Lisa Brothers Arbisser teaches cataract and anterior segment surgery worldwide. Currently Adjunct Professor at the University of Utah Moran Eye Center after an NIH research fellowship in neurobiology and retina, Texas MD and residency at the University of Iowa, she specializes in refractive and complex adult and pediatric cataract surgery. Known for teaching complication avoidance and management, as a surgical coach, researcher and lecturer, she retired from patient care, after 30 years of high volume surgery in the practice she co-founded. Having performed live interactive satellite surgery at major national and international meetings, she regularly teaches vitrectomy for the anterior segment surgeon and skills transfer labs. She reviews, edits and authors textbook chapters, journal articles, the American Academy Online News and Education Network, Focal Points and writes two regular columns. She is former president of the American College of Eye Surgeons, serves on the Arunodaya Charitable Trust board, is secretary of Women in Ophthalmology and has been designated a Living Legend by the American Women's Medical Association. She is honored with numerous awards and distinctions both educational and philanthropic. Designated in the top 50 ophthalmic opinion leaders by CRST.

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