

## NOVEL APPROACH TO GORE-TEX FIXATED IOL

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Scleral fixation of a posterior chamber intraocular lens (IOL) can be an effective approach using a polytetrafluoroethylene (PTFE; Gore-Tex, W.L. Gore & Associates) suture. (Richard Hoffman) It was hypothesized that four-point fixation of IOL would allow excellent IOL stabilization, while the PTFE material might reduce concerns regarding suture breakage encountered with polypropylene sutures. The technique could easily be paired with: three-port pars plana vitrectomy (PPV), which might be necessary in the setting of a dislocated IOL or retained lens material or using AC maintainer cannula, when we compare scleral fixation with other treatment options like, iris fixation, sutureless scleral fixation (glued IOL) and anterior chamber IOL. Scleral fixation of an IOL with PTFE suture has many advantages like relative ease of insertion and fixation, use of small corneal incisions, Avoidance of iris contact, (theoretically) a lower risk of dislocation. No scleral flap need with Gore-tex suture.



#### Biography

Safwan Al Bayati has completed his MB, ChB from Baghdad College of Medicine, Iraq. He then completed Board in Ophthalmology (FICMS Ophthalmology) from the Iraqi Commission for Medical Specialization and FRCS Fellowship of Royal College of Physicians and Surgeons of Glasgow, UK. He has worked as a Director of the Ophthalmic Department and Specialist Ophthalmologist, Phaco-Refractive-Retina Surgeon at NMC Specialty Hospital, Dubai, UAE. Then he has worked as a Consultant Ophthalmologist, Phaco-Refractive-Retina Surgeon at Imperial Healthcare Institute, DHCC, Dubai, UAE. Currently he is the Founder, Medical Director and Consultant Ophthalmologist, Phaco-Refractive-Retina Surgeon at New Vision Eye Center, DHCC, Dubai, UAE.

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