Rescuing posterior dislocated intraocular lenses using silicone tubing

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Purpose:
To present a technique anchoring dislocated intraocular lenses using silicone tubing.

Methods:
Three eyes from three patients with complicated anterior segment pathology (repeated DSAEK with tube shunt x1, trabeculectomy x 2) and older style intraocular lens dislocated into the posterior segment underwent this rescue technique with a minimum of 3 months follow-up. A video will highlight the procedure.

Results:
All three eyes at the there last follow-up visit (4-6 months) are stable with good centration and improved vision from counting fingers to 20/100 in the DSAEK eye, 20/30 and 20/40 in the other eyes. IOP were in target range in all cases with 3 glaucoma medications in the DSAEK/tube shunt patient and the other 2 with 1 glaucoma medication.

Conclusions:
Rescuing dislocated intraocular lenses in the posterior segment that are not be easily removed or fixated with existing techniques maybe saved using silicone tubing as anchors for the haptics. Further work will be required into the refinement in the technique and understanding long term outcomes.