

A modified glued transscleral intraocular lens implantation: Suture-assisted sutureless technique.

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Abstract:

PURPOSE: To report a modified surgical technique as an alternative procedure for sutureless fibrin glue-assisted transscleral intraocular lens (IOL) fixation. **METHODS:** Description of the modified surgical technique with an accompanying video. **RESULTS:** In the standard glued IOL fixation technique, the leading haptic is externalized using a forceps through the sclerotomy and an assistant holds the haptic while the second IOL haptic is bimanually externalized, using the handshake technique, through the other sclerotomy site. In the author's technique, called the suture-assisted sutureless technique, IOL haptics were tied with a looped 9-0 polypropylene suture with an attached curved needle. The suture needle was fastened to the haptic, passed through the sclerotomy site, and pulled out to externalize the haptic through the sclerotomy site. **CONCLUSIONS:** This technique is an easy, feasible, and assistant-free procedure for glued IOL implantation in aphakic eyes.

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