

Glued capsular hook: technique for fibrin glue-assisted sutureless transscleral fixation of the capsular bag in subluxated cataracts and intraocular lenses.

Authors: Jacob S, Agarwal A, Agarwal A, Agarwal A, Narasimhan S, Ashok Kumar D

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Abstract:

We describe a technique that uses a capsular hook to obtain sutureless fibrin glue-assisted transscleral fixation of the capsular bag. The hook passes through a sclerotomy created under a scleral flap and engages the capsulorhexis rim, providing scleral fixation intraoperatively and postoperatively. A standard capsular tension ring expands the capsular fornix. The haptic of the hook is tucked into a scleral tunnel for postoperative fixation. The scleral flap is closed with fibrin glue. The glued capsular hook is used for subluxated cataracts and IOLs. It anchors the capsular bag to the sclera, providing vertical and horizontal stability, and stabilizes the bag intraoperatively and postoperatively. The technique was used in 7 patients, who were followed for more than 4 months.

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