

Fibrin glue-assisted fixation of decentered posterior chamber intraocular lens.

Authors: Sinha R, Bali SJ, Sharma N, Titiyal JS

Publication Date: 2012

Abstract:

OBJECTIVE: To report the feasibility and outcome of the technique of glue-assisted fixation of decentered posterior chamber intraocular lens (PCIOL) in the posterior chamber using the same IOL.

METHODS: The procedure was performed in three eyes having decentered PCIOL with inadequate capsular rim to support the IOL. The haptics were exteriorized under a partial thickness scleral flap at 1.5 mm behind the limbus and placed into a partial thickness scleral pocket and fixed with fibrin glue. No suture was placed at any site.

RESULTS: On day 1 and at 6 weeks, the IOLs were well centered. There was no significant anterior or posterior segment inflammation, and the intraocular pressure was normal.

CONCLUSION: Fibrin glue-assisted fixation of PCIOL is a feasible technique with good outcome in eyes with decentered IOL with inadequate capsular support.