

Fibrin glue-assisted sutureless posterior chamber intraocular lens implantation in eyes with deficient posterior capsules.

Authors: Agarwal A, Kumar DA, Jacob S, Baid C, Agarwal A, Srinivasan S

Publication Date: 2008

Abstract:

We report a new surgical technique that uses biological glue to implant a posterior chamber intraocular lens (PC IOL) in eyes with a deficient or absent posterior capsule. Two partial-thickness limbal-based scleral flaps are made 180 degrees apart diagonally, and the haptics of the PC IOL are externalized to place them beneath the flaps. Fibrin glue is used to attach the haptics to the scleral bed, beneath the flap. This simple method of PC IOL implantation requires no specially designed haptics. It provides good flap closure and IOL centration and stability without suture-related complications.