Femtosecond-assisted keratoplasty with fibrin glue-assisted sutureless posterior chamber lens implantation: new triple procedure.

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Abstract:

We report a surgical technique for managing bullous keratopathy secondary to anterior chamber

intraocular lens (AC IOL). The technique comprises femtosecond laser-assisted penetrating

keratoplasty and AC IOL exchange with fibrin glue-assisted sutureless posterior chamber intraocular

lens (PC IOL) implantation ("glued IOL"). This new triple procedure combines the unique benefits of

the femtosecond laser and the glued IOL, leading to stable wound configuration, decreased

open-sky time, and less pseudophacodonesis, and there is less risk for the suture-related

complications of transscleral suture fixation.