

SECONDARY LENS IMPLANTATION AFTER EVENTFUL CATARACT SURGERY

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SECONDARY LENS IMPLANTATION AFTER EVENTFUL CATARACT SURGERY

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Purpose: To report the outcomes of secondary lens implantation in tertiary eye clinic in Jakarta

Method: Retrospective study of cases with secondary implant as a single or combined with other procedure. All cases underwent eventful cataract surgery with or without lens implantation in anterior chamber. Possibilities of IOL placed in the sulcus evaluated thoroughly preoperatively. All secondary implantation done in the sulcus. Preoperative VA, IOP and significant findings recorded, as well as postoperatively.

Result: Subjects were 8 cases with history of eventful cataract surgery. There were 4 cases with anterior chamber lens implantation with secondary glaucoma, uveitis and vitreous opacities. There were 2 cases with posterior chamber decentered lens with impending posterior dropped IOL, and aphakic were 2 cases. All cases with posterior capsule rupture. Synechia posterior seen in cases of AC IOL and aphakia. Surgical technique demonstrated by video.

Conclusion: Preoperative thorough evaluation along with proper surgical technique can solve problem of patient with improper lens implantation

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