SILICONE OIL REMOVAL ALONG WITH SECONDARY LENS IMPLANTATION UNDER TOPICAL ANESTHESIA

by Gilbert Ws Simanjuntak

SILICONE OIL REMOVAL ALONG WITH SECONDARY LENS IMPLANTATION UNDER TOPICAL ANESTHESIA

Gilbert WS Simanjuntak, Jannes F Tan, HHB Mailangkay

Cikini Hospital, Jakarta

Department of Ophthalmology FK-UKI, Jakarta

Background: To remove the silicone oil tamponade along with secondary intra ocular lens (IOL) implantation under topical anaesthesia.

Methods: Vitrectomized eyes with planned sparing peripheral capsule with silicone oil tamponade later on underwent silicone oil removal. After preoperative thorough fundus examination showed no need for further surgical procedure during oil removal, anterior chamber maintainer was inserted at the inferior limbus contralateral to the superior limbus incision for silicone oil evacuation and IOL insertion. After complete silicone oil removal and synechiolysis done, three piece 1OL inserted in the sulcus. Tetracaine 0.5% instilled three times, 60, 30 and 15 minutes before surgery. Surgical technique demonstrated by video

Result: All cases done as one day procedure without additional anaesthesia and without complain. IOL stable in the position in four eyes. No cases presented cornel edema. The procedure was faster and simpler than trans pars plana silicone oil removal. Each case was done less than 30 minutes.

Conclusion: The procedure was easier and produces more 'complete' removal of silicone oil tamponade.

SILICONE OIL REMOVAL ALONG WITH SECONDARY LENS IMPLANTATION UNDER TOPICAL ANESTHESIA