

# PEDIATRIC RETINAL DETACHMENT SURGICAL MANAGEMENT AND OUTCOME in JAKARTA, INDONESIA

*by Gilbert Ws Simanjuntak*

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**PEDIATRIC RETINAL DETACHMENT  
SURGICAL MANAGEMENT AND OUTCOME in JAKARTA,  
INDONESIA**

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**Purpose:** Pediatric retinal detachment is the rare cases. We report the surgical management and its outcome in pediatric retinal detachment. **Method:** Retrospective descriptive study of pediatric retinal detachment and surgical treatment. **Result:** There were 13 patients (13 eyes) with age 3 – 18 years, 10 were male and 3 were female. The duration of detachment varies between 10 days – 3 years. Nine cases were managed with vitrectomy and 4 with scleral buckle. Anatomically retina attached was achieved in 9 cases, the failure case caused by re proliferation of vitreous. VA improved in 5 cases, stable in 4 cases and decrease in 1 case. Silicone oil was used in 7 cases, SF6 gas in 2 case. Complications were secondary glaucoma, cataract and macular pucker. Follow up varies 9 days – 15 months. **Conclusion:** Early case findings and management gave better result.

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