

# Effects Of Silicone Oil Removal

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## **Purpose:**

To study the outcome and complications silicone oil removal after pars planavitrectomy.

## **Participants and methodology:**

The records of 86 patients who had undergone silicone oil removal were studied with a follow up period of fifteen months after silicone oil removal.

## **Results:**

16 eyes (43.2%) developed retinal re-detachment among those cases without scleral buckling and 5 eyes (10.2%) in those with scleral buckles. Among these 21 patients with re-detachment, 3(14.3%) presented with re-detachment at first postoperative day, 14(66.7%) eyes presented within four weeks postoperatively, 2(9.5%) eyes presented within 6 months postoperatively, and 2(9.5%) eyes presented at 9 months postoperatively.

**Conclusion:** Retinal re-detachment is a common finding after silicone oil removal, which, in our study more than half of re-detachment occurred in the first month of oil removal. *Al-Shifa Journal of Ophthalmology 2015; 11(2): 98-102. © Al-Shifa Trust Eye Hospital, Rawalpindi, Pakistan.*

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