

## **Sutureless silicone oil removal: a novel technique**

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### **Advantages:**

To present a novel technique for sutureless silicone oil removal.

### **Methods:**

Silicone oil removal was performed through a self-sealed transconjunctival sclerotomy. Retina inspection and additional surgical procedures were performed through 23 gauge microcannulas for 25 pseudophakic eyes. The surgical time, the outcome and the potential complications were evaluated.

### **Effectiveness / Safety:**

Sutureless removal of silicone oil through a coagulated conjunctiva and self – sealed scleral tunnels is a fast and safe procedure. This technique seems to prevent complications since the retina is inspected in detail and the patient feels comfortable with no silicone oil bubbles retention.

### **Take home message:**

Silicone oil (SO) removal is a surgical procedure, which requires detailed inspection of the retina, removal of the troublesome SO bubbles and may be additional surgical manipulations. Combining the tools of the technology with physics, we are aiming to get the best surgical outcome. A minimally invasive sutureless technique for silicone oil removal is a quick and safe method. This technique seems to prevent complications since the retina is inspected in detail and the patient feels comfortable with no silicone oil bubbles retention.