

Silicone Oil Surgery With 25-gauge Transconjunctival Sutureless Vitrectomy: It is Not a Dream Anymore!

Ziya Kapran, MD (Istanbul, Turkey), Nur Acar, MD (Istanbul, Turkey), Yaprak Banu Unver, (Istanbul, Turkey), Tugrul Altan, (Istanbul, Turkey), Bulut Ocak, (Istanbul, Turkey)

SYNOPSIS

Silicone oil removal and injection techniques with 25g TSV instruments are shown. In the passive technique, only 1000 cst silicone oil can be removed through standard 25g microcannulas with the help of gravity force of infusion. This takes about 10-15 minutes. However, with our recently designed, modified 25g cannula for fast oil aspiration, silicone is easily removed (1000cst: 4 minutes, 5000cst: 15-20 minutes). Silicone oil can be injected with polyamide cannula very efficiently.