

Mini-Invasive Surgery – Yes; Sutureless – No Thanks!

Authors: Cesare Forlini, Paolo Rossini, Antonio Aversano (Department of Ophthalmology, “S. Maria delle Croci” Hospital, Ravenna, Italy), Matteo Forlini (Eye Clinic, University of Modena, Italy)

Advantages:

To show the effectiveness to use the scleral suture in mini-invasive 25/23 gauge systems.

Methods:

Both 25 and 23 gauge trocars are inserted through a scleral tunnel but, at the end of the surgery, the sclerotomies are closed with sutures. An 8-0 absorbable suture is put in the 25 gauge surgery, and a 7-0 absorbable one in the 23 gauge

Effectiveness / Safety:

Many reports have been published in the literature about post-surgical endophthalmitis, severe hypotony, vitreous incarceration (and its related-complications). We show how to use a suture does not worsen the final surgical and functional result and let the mini-invasive surgery to have the same safety than conventional 20 gauge surgery.