

Full Macular Translocation with 23 Gauge System: “Cau-Tano” Technique

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Advantages:

To show the effectiveness and the safety of the 23 gauge system for full macular translocation in age-related macular degeneration.

Methods:

In a case of pseudophakic exudative macula degeneration a standard three port 23 gauge vitrectomy is performed. The retina is detached by injecting BSS through a 41 gauge needle on a 20 gauge cannula inserted through a 20g sclerotomy. The retina is cut by using a cautery and a Tano’s scraper. After laser retinopexy, 1000cs silicone oil is used as tamponade.

Effectiveness / Safety:

No intraoperative complications. After silicone oil removal, no complications were observed. The visual acuity did not improve, remaining stable. The case shows how it is possible to use mini-invasive systems also for complex cases of vitreoretinal surgery.