

Abstract 180

A NOVEL USE OF FINESSE FLEX LOOP FOR PROLIFERATIVE VITREORETINOPATHY

Erakgun T.*

Dr. ~ Izmir ~ Turkey

To describe a novel use of the flexible nitinol loop membrane scraper (Finesse Flex Loop; Alcon, Forth Worth, TX) for applying an effective endolaser photocoagulation in proliferative vitreoretinopathy (PVR) cases.

A 27- gauge nitinol flex loop was used to assist applying endolaser photocoagulation to enhance its effectiveness in three cases with proliferative vitreoretinopathy

Three patients underwent 25- gauge pars plana vitrectomy, preretinal membrane removal, peripheral retinectomy, the nitinol flex loop assisted endolaser photocoagulation, and silicone oil injection. After the silicone oil extraction, retina was attached and the visual acuity was improved in all cases.

The nitinol flex loop can be used to assist endolaser photocoagulation and enhance its effectiveness in PVR cases and reduce the retinal excision area which results unnecessary large retinal defects that may lead to redetachment of the retina.

- 1- Erakgun T. A novel Use of Flex- Loop for Proliferative Vitreoretinopathy. Retinal Cases and Brief Reports; 10.1097/ICB.0000000000001656, October 04, 2024. | DOI: 10.1097/ICB.0000000000001656
- 2- Bhayana AA, Kulshrestha A, Venkatesh P. Finesse Loop- Assisted levitation of posteriorly dislocated intraocular lens. Ophthalmol Retina 2022; 6 (7): 619