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Vortex vein occlusion in atrophic AMD

Purpose: The efficacy of two vortex vein occlusion in treating age-related macula degeneration was studied.

Methods: fourteen eyes with intermediate and advanced form of age-related macular degeneration were treated with the occlusion of the inferior vortex veins and studied with preoperative and postoperative BCVA, tonometry, visual field, contrast sensitivity, fluorescein angiography, ICG, OCT and echoDoppler of the ophthalmic artery

Results: At three months we had near BCVA improvement from 11J to 9.4J (statistically significant), reduction of intraocular pressure (0,5mmHg), in all cases,a modification of the ICG vascular staining and distribution, two peripheral inferior haemorrhagic choroidal detachments (they completely reabsorbed within 3 months)

Conclusion: At three months the procedure didn't show worsening of functional parameters and neither long term complications. We need a longer follow up and looking forward to see the results at 6 months and 1 year and 2 years of the procedure.

Biography

Born in March 23 of 1949, medical studies 1967/77, including residency in Cardiology and Artificial Kidney Unit.SFO Member since 1980, SFO Oral Presentation 2005, E Poster EVRS Member since 2006, Best scientific Poster 2006 ASRS/EVRS Meeting Cannes Retina Festival, EVRS Oral presentation Prague2008/ Sevilla2012/ and Film Porto2014. All présentations up on the Vortex Vien Occlusion VVO concept.

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