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Intravitreal Triamcinolone in the Treatment of Serous Retinal Detachment in Vogt-Koyanagi-Harada Syndrome

Rafael E. Andrade, Cristina Muccioli, Luciana Peixoto, Michel E. Farah, Rubens Belfort Jr. **PURPOSE:** To report the use of intravitreal injection of triamcinolone acetonide (TAAC) at the acute phase of Vogt–Koyanagi–Harada's disease. **DESIGN:** Prospective interventional case series. **METHODS:** Nine eyes from five patients at the acute phase of Vogt–Koyanagi–Harada's disease with serous retinal detachments were treated with a 4 mg intravitreal injection of TAAC. The following parameters were evaluated: visual acuity, intraocular pressure, as well as the height of the serous retinal detachment using optical coherence tomography (OCT).

RESULTS: OCT images showed a marked decrease in the retinal detachment in the first week after the injection with subsequent return to normal retinal thickness in all eyes. Follow-up ranged from 5 to 12 months with a mean of 7,8 months. No complications were observed.

CONCLUSIONS: Intravitreal TAAC provides short-term improvement in visual acuity and serous retinal detachments associated with Vogt–Koyanagi–Harada's disease. These findings should be followed by future studies to evaluate long term effects.