

INTRAVITREAL INJECTION OF TRIAMCINOLONE ACETONIDE FOR TREATMENT OF NONARTERITIC ANTERIOR ISCHEMIC OPTIC NEUROPATHY -- A CASE REPORT

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Purpose: To report a case of bilateral nonarteritic anterior ischemic optic neuropathy (NAION) and evaluate the effect of intravitreal triamcinolone acetonide injection on the treatment of NAION.

Method: Intravitreal injection of 4 mg Kenacort-A was performed in one eye with NAION. The fellow eye did not receive any treatment. Visual acuity, visual field, and color fundus photography were performed in both eyes.

Results: Disc edema was partially resolved and

improvement in visual function was noted 4 days after intravitreal injection of Kenacort-A in the right eye. Both visual field and visual acuity further deteriorated in the fellow untreated eye.

Conclusions: Intravitreal injection of triamcinolone acetonide might eliminate disc swelling and terminate the vicious cycle of scleral outlet compartment syndrome in NAION. Randomized clinical trials of a larger sample are necessary to confirm the effect of the treatment.

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