

Hyperbaric oxygen therapy in two patients with non-arteritic anterior optic neuropathy who did not respond to prednisone.

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Recent advances in understanding the effects of hyperbaric oxygen (HBO) on retinal anoxia gave rise to new interest in the possibility of using it as therapeutic treatment for ischemic conditions of the retina and optic nerve. Two patients with non-arteritic anterior ischemic optic neuropathy due to a high-grade ophthalmic artery stenosis were treated with HBO at 2 atm abs in an effort to increase oxygen delivery for the eye

Both patients showed marked improvements of visual acuity and visual field 3-5 months following the event. Our results are intriguing.