



CENTRAL RETINAL ARTERIAL OCCLUSION

Central retinal arterial occlusion (CRAO) is a blockage from a blood clot or fat deposit in one of the small arteries carrying blood to the retina, the layer of tissue in the back of the eye that senses light.

Considered an emergent condition for hyperbaric oxygen therapy, CRAO affects the entire eye where the blockage occurs causing sudden blurring or loss of vision due to the lack of oxygen. Although the cause of CRAO is unknown, hyperbaric oxygen therapy is the only treatment option for CRAO with favorable results.

To achieve optimal outcomes, it's best to begin hyperbaric oxygen therapy within eight to 24 hours of onset to reduce the risk of irreparable vision loss. Some visual acuity (light/dark) may be recovered for up to two weeks after the onset of CRAO.

Hyperbaric oxygen therapy heals by:

- **Reversing, in varying degrees, the loss of vision IF retinal tissue hasn't experienced cell death and necrosis in the inner layers of the retinal artery. *Healing also depends on the degree of occlusion and timeliness of treatment.***
- **Supplying oxygen to the retinal tissue to maintain its life while blood flow is restored (either medically assisted or spontaneous).**

HYOX

HYPERBARIC MEDICINE HEALS.

HyOx is a comprehensive medical treatment center specializing in healing the body naturally by breathing 100 percent oxygen under pressure. Hyperbaric oxygen therapy increases oxygen content in the body by up to 1,500 percent to supersaturate every cell. This helps to fuel the healing process in patients with complications from cancer, infection, trauma, and wounds.



Richard W. King Jr., MD
FAAPMR, CWS, UHM
Medical Director



HyOx Medical Treatment Center
2550 Windy Hill Road SE, Suite 110
Marietta, GA 30067
Office: 678-303-3200
Fax: 678-303-3205
www.hyox.com
info@hyox.com

Social Media:

