

Hyperbaric Oxygen Therapy and Lupus

1. Wallace, D.J., Silverman, S., Goldstein, J., and Hughes, D. Use of hyperbaric oxygen in rheumatic diseases: case report and critical analysis. *Lupus*. 4(3):172-175, 1995. Notes : Department of Medicine, Cedars-Sinai Medical Centre, Los Angeles, CA, USA 0961-2033 English England

Hyperbaric oxygen has been used in patients with rheumatic disease for many years without reports of untoward or unusual complications for a variety of non-rheumatic indications. Recent evidence that hyperbaric oxygen inhibits the actions of certain cytokines, acts as an immune modulator and may help cognitive dysfunction has resulted in a re-examination of its potential role in rheumatic diseases. A case report of a lupus scleroderma crossover patient is presented whose cognitive dysfunction improved after hyperbaric oxygen therapy. The history of hyperbaric oxygen and its physiology are related, along with a focused review of its effects on the immune and central nervous systems.