

Medical Studies/Resources

Immune Disorders

1. Dowling, G.B., Copeman, P.W., and Ashfield, R. Raynaud's phenomenon in Scleroderma treated with hyperbaric oxygen. *Proc.R.Soc.Med.* 60(12):1268-1269, 1967. Notes : 0035-9157 ENGLISH ENGLAND JOURNAL-ARTICLE 68090745 6803.
2. Lukich, V.L., Grebenev, A.L., Matrenitskaia, N.A., and Grabskii, M.A. [Treatment problems in systemic Scleroderma using hyperbaric oxygenation] *Problem lecheniia sistemnoi sklerodermii giperbaricheskoi oksigenatsiei.* *Klin.Med.Mosk.* 62(3):26-31, 1984.
3. Iakunin, G.A., Grebenev, A.L., Lukich, V.L., Smolianitskii, A.I., and Grabskii, M.A. [Rheological and coagulative blood properties in patients with systemic Scleroderma undergoing hyperbaric oxygenation in combined treatment] *Sostoianie reologicheskikh i koaguliatsionnykh svoistv krovi u bol'nykh sistemnoi sklerodermiei pri primenenii giperbaricheskoi oksigenatsii v kompleksnom lechenii.* *Ter.Arkh.* 55(7):120-124, 1983. Notes : 0040-3660 RUSSIAN; NON-ENGLISH USSR JOURNAL-ARTICLE 0 84018192 8401.
4. 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 Center, 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.
5. Makeeva, N.P., Balakhonova, N.P., Kurakina, L.V., and Kamshilina, L.S. [Microcirculation in patients with systemic scleroderma during treatment using hyperbaric oxygenation] *Mikrotsirkuliatsiia u bo'lnykh sistemnoi sklerodermiei pri lechenii metodom giperbaricheskoi oksigenatsii.* *Klin.Med.Mosk.* 67(6):107-109, 1989. Notes: 0023-2149 RUSSIAN; Hyperbaric oxygenation treatment of systemic Scleroderma has a favorable effect on microcirculatory changes whose positive dynamics can be demonstrated by conjunctival biomicroscopy. These changes include accelerated blood flow and decrease in the degree of erythrocyte aggregation. The method can be used for the objective assessment and for prognosis of the effectiveness of hyperbaric oxygenation treatment in patients with systemic Scleroderma
6. Lukich, V.L., Kurakina, L.V., and Poliakova, L.V. [The role of hyperbaric oxygenation in the treatment of systemic diseases] *Rol' giperbaricheskoi oksigenatsii v lechenii sistemnykh zabolevanii.* *Klin.Med.Mosk.* 69(7):15-20, 1991. Notes : 0023-2149 RUSSIAN; NON-ENGLISH USSR JOURNAL-ARTICLE; REVIEW; REVIEW,-TUTORIAL 92047220 9202.
7. Anton'ev, A.A. and Nomnoeva, T.N. [Use of hyperbaric oxygenation in dermatology] *Primenenie giperbaricheskoi oksigenatsii v dermatologii.* *Vestn.Dermatol.Venerol.* (2):27-31, 1986.