Hyperbaric Therapy In Chronic Fatigue Syndrome

Van Hoof, E., Coomans, D., De Becker, P., Meeusen, R., Cluydts, R and De Meirleir, K.  

The aim of this study was to determine if hyperbaric oxygen treatment (HBOT) could be used as adjunctive therapy and if HBOT could increase the quality of life in such a way that the functional status would improve in patients with an infection. A randomized, controlled trial was conducted on 15 Mycoplasma sp. infected patients with CFS (CDC criteria '94) and 14 CFS patients with no evidence of a Mycoplasma infection [who] were enrolled in a convenience randomization sample from our referral clinic. No statistical differences were found by use of univariate repeated measures although Bodily Pain as measured by the SF-36 seems to decrease after hyperbaric therapy (p=.010).

Trends were found using paired t-testing for Mycoplasma infected CFS patients. The general perceived fatigue seemed to decrease after hyperbaric therapy (p=.06). Directly after one week of hyperbaric therapy, general fatigue improved (p=.03) but there was a reduction of activity (p=.05) and general perceived health (p=.04). One month later the physical role scores increased (p=.07). More marked improvements were found in the subset with mycoplasma.