

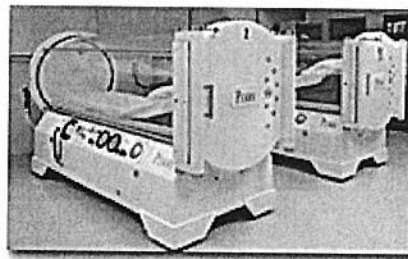
Clinical trial accepting patients for the management of TBI and/or PTSD

N-BIRR- National Brain Injury Rescue and Rehabilitation Project

<http://www.nbirr.org/>

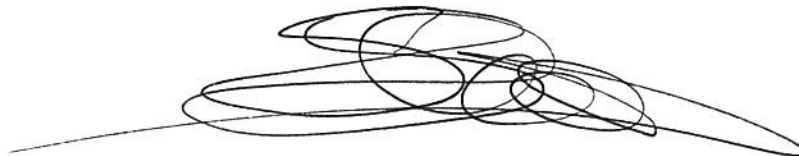
April 20, 2013

Hyperbaric Oxygen Therapy of Northern Virginia is proud to announce our participation in the national, multicenter prospective study on the use of hyperbaric oxygen therapy [HBOT] in the management of TBI [Traumatic Brain Injury] and/or PTSD [Post Traumatic Stress Disorder] [1-6]. The protocol involves completion of multiple self reported psychometrics prior to and at intervals through the active phase of the study and subsequently every 6 months out to 2 years following completion of the treatment phase. The active treatment phase involves placement in a single person or "mono chamber" where 100% oxygen is introduced at a pressure of 1.5ATA or the equivalent of pressure achieved at 16.5 feet water depth:



We anticipate minimally 40 and up to 80 generally 5 weekly, one hour treatments. Included on this web site are inclusionary and exclusionary criteria. If you are interested in participating, please provide them with our phone number: 703 709-1119, attention: Cara Zellner, CHT.

Of note, this is an unfunded study. Although we are pursuing funding, access to this will be sporadic. Another alternative is for the participant to arrange their own funding for this tax deductible activity.



Samuel Shor, MD, FACP
Associate Clinical Professor

George Washington University Health Care Sciences

1. Harch PG et al A phase I study of low-pressure hyperbaric oxygen therapy for blast-induced post-concussion syndrome and post-traumatic stress disorder. *J Neurotrauma* 2012 Jan 1;29(1):168-85. doi: 10.1089/neu.2011.1895. Epub 2011 Nov 22.
2. Harch PG et al Low pressure hyperbaric oxygen therapy and SPECT brain imaging in the treatment of blast-induced chronic traumatic brain injury (post-concussion syndrome) and post traumatic stress disorder: a case report. *Cases J* 2009 Jun 9;2:6538. doi: 10.4076/1757-1626-2-6538.
3. Eovaldi B and Zanetti C Hyperbaric oxygen ameliorates worsening signs and symptoms of post-traumatic stress disorder. *Neuropsychiatr Dis Treat* 2010 Dec 6;6:785-9.
4. Harch PG, Kriedt C, Van Meter KW, Sutherland RJ: Hyperbaric oxygen therapy improves spatial learning and memory in a rat model of chronic traumatic brain injury. *Brain Res* 2007, 1174:120-129.
5. Golden ZL, Neubauer RA, Golden CJ, et al.: Improvement in cerebral metabolism in chronic brain injury after hyperbaric oxygen therapy. *Int J Neurosci* 2002, 112:119-131
6. Neubauer RA, Gottlieb SF, Pevsner NH: Hyperbaric oxygen treatment of closed head injury. *South Med J* 1994, 87:933-936.