



Center for Professional Development

Hyperbaric Oxygen Therapy-Certificate Program

Hyperbaric Oxygen (HBO²) Therapy is a field of medicine that treats patients in rigid chambers using 100% O² delivery and a greater than 1.4 Atmosphere Absolute (ATA) pressure, usually 2-2.5 ATA.

Course Objectives- Upon successful completion of this course, the student should be able to:

- Understand the physical laws of pressure, the history of the U.S. Navy's exploration of depth, and the history and physiology of Hyperbaric Medicine.
- Know the medical efficacy of HBO², as well as medication interactions while breathing oxygen under pressure (HBO²)
- Understand the various forms of oxygen toxicity which could occur if one avoids the safeguards of oxygen tolerance
- Be knowledgeable of Monoplace and Multiplace Chamber use, special ancillary equipment used with HBO², critical care monitoring and special ventilators that only work under increased atmospheric pressure
- Know the type of wounds treated with HBO². This involves Infections Disease applications and various pathogens susceptible to HBO²
- Be proficient in the use of Trans-Cutaneous O² Monitoring (TcPO²)

- Understand the aspects of safe underwater diving (SCUBA) and Decompression Sickness (the “Bends”) and the various treatment tables used in HBO² for these disorders
- Treat among other entities radiation injury to bone/soft tissue, chronic refractory osteomyelitis carbon monoxide poisoning, diabetic foot/wounds, etc.
- Understand the various protocols used in HBO² regarding ATA and duration of treatment
- Successfully obtain a passing average of 70 by being tested with written exams and an extra credit term paper

Dates: Mondays, August 16th – December 13th, 2010

Time: 5:30pm – 8:30pm

Cost: \$899, Textbook not included; call for details.

Location: Edison College, Fort Myers Campus, room to be announced

Instructor: John B. Berté, M.D., F.C.C.P.

Pulmonologist and former Director of Hyperbaric Medicine at Huron Road Hospital Cleveland, Ohio. Former civilian consultant to U.S. Naval Hospital in Groton, Connecticut at the Submarine Base and Clinical Assistant Professor of Medicine, Yale University School of Medicine, New Haven, Conn. Member Undersea and Hyperbaric Medicine. Adjunct Professor Health Professions, Edison College, Ft. Myers, Florida

Seats are limited, so register today!

Advance registration and payment is required

For registration form and information, call 239-489-9235

email: celee@edison.edu OR

visit our website at edison.edu/lee/ce

For Certification “CHT” information and National exam requirements, refer to www.nbdhmt.org or call National Board Office in New Orleans (504) 328-8871