



INTRODUCTION TO HYPERBARIC MEDICINE



UHMS APPROVED INTRODUCTORY COURSE

Attention!!

Please read CME Credit Disclosure, below

Physician Hyperbaric Training

Approved for:

40 AMA, PRA CATEGORY 1 Credits™ (CMEs)
 for Physicians (MD, DO)

Nurse / Technician Hyperbaric Training

CEUs issued through the National Board of Diving & Hyperbaric Medical Technology
 (See Below)

CME Disclosure

Accreditation Statement

This activity has been planned and implemented in accordance with the Essential Areas and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of the Undersea & Hyperbaric Medical Society (UHMS) and the Life Support Technologies group. The UHMS is accredited by the ACCME to provide continuing medical education for physicians.

Designation Statement

The Undersea and Hyperbaric Medical Society designates this live activity for a maximum of **40 AMA PRA Category 1 Credits™ (CMEs)**. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Full Disclosure Statement

All faculty members and planners participating in continuing medical education activities sponsored by the Life Support Technologies group are expected to disclose to the participants any relevant financial relationships with commercial interests. Full disclosure of faculty and planner relevant financial relationships will be made at the activity.

UHMS Disclaimer

The information provided at this CME activity is for Continuing Medical Education purposes only. The lecture content, statements or opinions expressed however, do not necessarily represent those of the Undersea and Hyperbaric Medical Society (UHMS), its affiliates or its employees.

CEU Disclosure

**THIS COURSE HAS BEEN REVIEWED AND APPROVED BY
 THE NATIONAL BOARD OF DIVING & HYPERBARIC MEDICAL TECHNOLOGY
 AS AN INTRODUCTORY COURSE IN HYPERBARIC MEDICINE**

Nassau University Medical Center
East Meadow, New York

Thursday April 19th - Sunday April 22, 2018

**** Course Dates Subject to Change ****

Presented By:

Edward Golembe, MD, UHM, FACCWS

Board Certified in Hyperbaric Medicine – Plastic Surgery

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Director of Surgical Critical Care – Nassau University Medical Center, East Meadow, NY

Donovan T Rosas, MD

Board-Certified in Plastic and Reconstructive Surgery

Jay G Levine, DPM

Director - Diabetic Limb Preservation Program, Wound and Hyperbaric Institute

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Assistant Course Training Director –Life Support Technologies Group, Tarrytown NY

Registration Fee (includes course materials)

MD, DO, DPM **\$ 1,100.00**

PA, NP, RN, LPN, RT, PARAMEDIC, EMT **\$ 900.00**

\$100.00 Cancellation Fee

FOR FURTHER INFORMATION

PLEASE CALL (914) 333-8412

Visit: www.LifeSupport-USA.com or Email: LSTcourses@aol.com

LST Partners and Affiliates



Course Summary

The course covers indications and contraindications to hyperbaric oxygen treatment, hyperbaric treatment protocols, the economics of hyperbaric practice, management of emergencies, and instruction in the use of the monoplace chamber as well as ancillary equipment associated with hyperbaric oxygen treatment. The course provides the credentials recommended for Physician Hyperbaric Supervision and CHT certification by the National Board of Diving and Hyperbaric Medical Technology.

Objectives

The terminal training objectives of this course are to provide participants enough information to initiate and provide safer hyperbaric oxygen treatment in their own institutions using a monoplace chamber. Additionally, participants will have enough information at hand, including information concerning multiplace operation, to prepare for the certification examination of the National Board of Diving and Hyperbaric Medical Technology. **See “GOALS”, below, for specifics on how this course bridges Hyperbaric Medicine Professional Practice Gaps.**

Class Schedule

Actual Class Schedule May Change

Day 1 – Thursday April 19,2018

- Course Overview and Introductions
- Historical Perspective of Hyperbaric Medicine
- Basic Physics of Hyperbaric Treatment
- Mechanisms of Hyperbaric Oxygen
- Mechanisms of Wound Healing
- Management of Chronic Wounds
- UHMS Accepted Indications
- Hyperbaric Chamber Operation

Day 2 – Friday April 20,2018

- Contraindications and Complications
- Patient Evaluation & Selection for HBO Treatment
- Infections and Hyperbaric Oxygen Therapy
- Acute Traumatic Peripheral Ischemia
- Reperfusion Injury
- Radionecrosis and Late Effects of Radiation
- Using Hyperbaric Oxygen to Overcome Poisoning
- Side Effects of Hyperbaric Oxygen

Day 3 – Saturday, April 21,2018

- Thermal Burns
- Exceptional Blood Loss Anemia
- Introduction to Medical Aspects of Diving; Decompression Illness and TX; Barotrauma Gas Embolism
- Oxygen Toxicity
- Hyperbaric Scenarios
- Architectural Components of HBOT Suite
- Myringotomy
- Unit Management and Economics
- Insurance and Reimbursement Considerations
- Nursing Considerations
- The Diabetic Foot

Day 4 – Sunday, April 22, 2018

- Risks of Hyperbaric Oxygen
- Use of Decompression Tables, Parts I and II
- Hyperbaric Case Studies
- Introduction to Transcutaneous Oxygen Monitoring
- Research Areas
- Critical Care in HBOT Operations
- TCpO2 Meter –Hands-on
- FINAL Exam
- Correction and Discussion of Final Exam
- Course Critique and Conclusion



INTRODUCTION TO HYPERBARIC MEDICINE

TARGET AUDIENCE: MD., DO, DPM; NP, PA, RN, LPN, RT, EMT, Paramedics and other health care professionals and administrators.

GOALS: This course will bridge Hyperbaric Medicine Professional Practice Gaps as follows:

- Instill Hyperbaric Medical knowledge (as demonstrated through practical exercises and by a final written examination) among physicians and allied health professionals.
- Provide physicians with a recognized professional education course that may help them become hospital credentialed to supervise hyperbaric medical activities that take place in their institution(s).
- Empower physicians with knowledge regarding which patients will be good candidates for hyperbaric treatment based on CMS and UHMS guidelines.
- Provide improved clinical outcomes to hyperbaric-appropriate patients through the use of Hyperbaric Medicine.
- Give physicians and allied health professionals information and guidelines about procedures for treating hyperbaric patients, from initial consultation through intake, testing, and actual treatment protocols.
- Provide physicians and allied health professionals a list of contra-indications for Hyperbaric Medicine.
- Identify the economics of hyperbaric medicine and how practitioners may avoid payment pitfalls.

Substitute attendees are permitted. In the unlikely event that this program must be cancelled, the entire submitted registration fee will be refunded without further liability on the part of the organizers.

For further information and Directions please call:

Main: (914) 333-8412

Fax: (914) 333-8419