

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**

St. Francis Hospital and Medical Center – Mt. Sinai Campus Hartford, Connecticut

Friday April 24th, 2015 thru Tuesday April 28th, 2015

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

8 AM to 5 PM

Presented By:

Scott Gorenstein, MD

Board Certified – Hyperbaric Medicine - Emergency Medicine
Undersea and Hyperbaric Medicine Society's North-East Chapter, President-Elect

Edward Golembe, MD

Board Certified in: Hyperbaric Medicine – Plastic Surgery

David Charash, DO

Board Certified in: Hyperbaric Medicine

Glenn J. Butler, CEO

Member of Undersea and Hyperbaric Medical Society Safety Committee
Member at Large for Undersea and Hyperbaric Society's North-East Chapter

Bernie Chowdhury, BA, CHT

Training Director – Life Support Technologies group

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

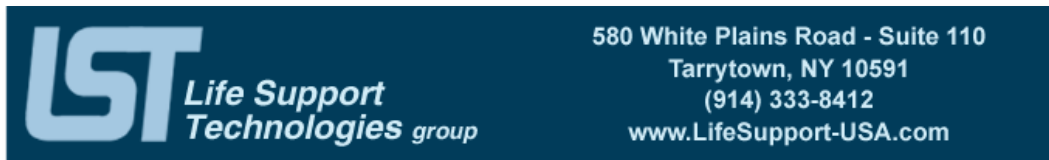
Lodging

Hilton Garden Inn
555 Corporate Drive - Windsor, CT 06095
Phone (860) 688-6400

\$108.00 per night

Group Code: **LSTG**





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 – Friday, April 24, 2015

- 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 3 – Sunday, April 26, 2015

- 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

Day 2 – Saturday, April 25, 2015

- Contraindications and Complications
- Patient Evaluation & Selection for HBO₂ 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

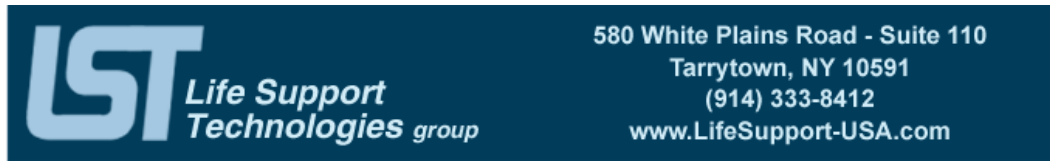
Day 4 – Monday, April 27, 2015

- Insurance and Reimbursement Considerations
- Nursing Considerations
- The Diabetic Foot
- Risks of Hyperbaric Oxygen
- Use of Decompression Tables, Parts I and II
- Hyperbaric Case Studies

Day 5 – Tuesday, April 28, 2015

- 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