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Tarrytown, NY 10591
(914) 333-8412
www.LifeSupport-USA.com

INTRODUCTION TO HYPERBARIC MEDICINE



UHMS APPROVED INTRODUCTORY COURSE

Attention!!

Please read CME Credit Disclosure, below

Physician Hyperbaric Training

Approved for:

**42 AMA, PRA CATEGORY 1 CME™ Credit Hours
for Physicians**

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 accreditation requirements 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 **42 AMA PRA Category 1 Credits™**. 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.

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**

Winthrop University Medical Center Mineola(Long Island),New York

Friday October 17th, 2014 thru Tuesday October 21th, 2014

**** 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

Glenn J. Butler, CHT

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

Michael W. Allen

Member - ASME Pressure Vessels for Human Occupancy Committee

Bernie Chowdhury, CHT

Training Director

LOCAL LODGING AVAILABLE

Registration Fee (includes course materials)

MD, DO, DPM	\$ 1,100.00
RN, LPN, RT, PARAMEDIC, EMT	\$ 900.00

FOR FURTHER INFORMATION

PLEASE CALL (914) 333-8412

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

Lodging

Hyatt Place Garden City
5 North Avenue Garden City, NY 11530

HyattPlaceGardenCity.com

516-222-6277

516-222-6278 Fax

\$169 per night

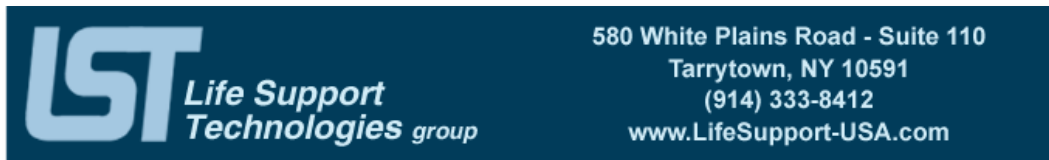
Code: **G-LSTG**

LST Partners and Affiliates



NATIONAL BOARD OF DIVING &
HYPERBARIC MEDICAL TECHNOLOGY





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 – Introduction and History of HBO₂ Friday, October 17, 2014

- 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
- Radionecrosis and Late Effects of Radiation

Day 3 – Side Effects of HBO₂ Sunday, October 19, 2014

- Thermal Burns
- Introduction to Medical Aspects of Diving
- Myringotomy
- Using Hyperbaric Oxygen to Overcome Poisoning
- Side Effects of Hyperbaric Oxygen
- Simulated Emergencies
- Critical Care in a Monoplace Chamber
- Barotrauma and Gas Embolism
- Architectural Components

Day 2 – Patient Evaluation and Selection for HBO₂ Saturday, October 18, 2014

- Infections and Hyperbaric Oxygen Therapy
- Contraindications and Complications
- Patient Evaluation & Selection for HBO₂ Treatment
- Trauma, Crush Injury, Compartment Syndrome
- Reperfusion Injury
- Exceptional Blood Loss Anemia
- Introduction to Transcutaneous Oxygen Monitoring
- Hands-on Hyperbaric Chamber Operation

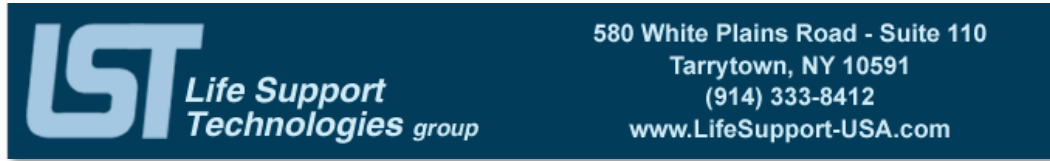
Day 4 – HBO₂ Departmental Considerations Monday, October 20, 2014

- Insurance and Reimbursement Considerations
- Nursing Considerations
- Technician Considerations
- Risks of Hyperbaric Oxygen
- Decompression Illness, Treatment, and Oxygen Tolerance
- Use of Decompression Tables, Parts I and II

Day 5 – Economics of Chamber Operations Tuesday, October 21, 2014

- Economics of Chamber Operations
- Research Areas
- FINAL Exam
- Correction and Discussion of Final Exam
- Course Critique and Conclusion
- TCpO₂ Meter – Hands-on

INTRODUCTION TO HYPERBARIC MEDICINE



TARGET AUDIENCE: M.D.s, D.P.M.s, D.O.s, R.N.s, L.P.N.s, R.T.s, EMTs, 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