



Life Support Technologies group
Advanced Wound Care and Hyperbaric Services
www.LifeSupport-USA.com

INTRODUCTION TO HYPERBARIC MEDICINE

Winthrop University Medical Center
Long Island, Mineola, New York

Saturday March 20
thru **Wednesday March 24, 2010**
8 AM to 5 PM

Physician Hyperbaric Training and Certification

Approved for:
40 AMA, PRA CATEGORY 1 CME™ Credit Hours
for Physicians

Nurse / Technician Hyperbaric Training
Pathway Course for CHT / CHRN Board Certification

Presented By:

Edward Golembe, MD

Board Certified - Hyperbaric Medicine - Plastic Surgery

Scott Gorenstein, MD

Board Certified - Hyperbaric Medicine - Emergency Medicine

R.W. Bill Hamilton, Ph.D.

Member - NFPA - 99 Hyperbaric Facilities Committee

Glenn J. Butler, CHT

Member of Undersea and Hyperbaric Medical Society Safety Committee

Michael W. Allen

Member - ASME Pressure Vessels for Human Occupancy Committee

Bernie Chowdhury, CHT

LOCAL LODGING AVAILABLE

Registration Fee (includes course materials)

MD, DO, DPM

\$ 975.00

RN, LPN, RT, PARAMEDIC, EMT

\$ 775.00

FOR FURTHER INFORMATION AND COURSE REGISTRATION PACK

CONTACT: MS. PATRICIA ROONEY - (914) 361 – 6535

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

for Registration Form and Course Outline



The Mount Vernon Hospital



New York Medical College



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.

Class Schedule

Actual Class Schedule May Change

Day 1 – Diving Medicine
Saturday, March 20, 2010

- Course Overview and Introductions
- Historical Perspective of Hyperbaric Medicine
- UHMS Accepted Indications
- Mechanisms of Hyperbaric Oxygen
- Mechanisms of Wound Healing
- Patient Evaluation & Selection for HBO₂ Treatment
- Management of Chronic Wounds

Day 3 - Mechanisms and Indications
Monday, March 22, 2010

- Trauma, Crush Injury, Compartment Syndrome
- Reperfusion Injury
- Exceptional Blood Loss Anemia
- Using Hyperbaric Oxygen to Overcome Poisoning
- Research Areas
- Relative and Absolute Contraindications
- Risks and Side Effects of Hyperbaric Oxygen
- Myringotomy

Day 2 – Introduction and History of HBO₂
Sunday, March 21, 2010

- Introduction to Medical Aspects of Diving
- DCI and Development of Decompression Tables
- Barotrauma and Air Embolism
- Use of Decompression Tables
- Radionecrosis
- Infectious Disease, Osteomyelitis, Gas Gangrene
- Thermal Burns

Day 4 – HBO₂ Mechanisms and Indications
Tuesday, March 23, 2010

- Insurance and Reimbursement Considerations
- Economics of Chamber Operations
- Nursing Considerations
- Hands-on Experience with the Hyperbaric Chamber
- Simulated Emergencies

Day 5 – Chamber Operations
Wednesday, March 24, 2010

- Uses of the TCpO₂ Meter
- Hands on with the TCpO₂ Meter
- Technician Considerations
- Exam

INTRODUCTION TO HYPERBARIC MEDICINE



TARGET AUDIENCE: M.D.s, D.P.M.s, D.O.s, R.N.s, R.T.s, EMTs, Paramedics and other health care professionals and administrators.

EXPECTED RESULTS: After completion of the Introduction to Hyperbaric Medicine course, participants should be able to:

- Discuss the scientific and medical rationale for using hyperbaric oxygen to treat patients
- Give a brief summary of the history of hyperbaric oxygen
- Describe the mechanisms of action triggered by hyperbaric oxygen
- List several hyperbaric oxygen case studies of successful treatments
- Name research areas of on-going hyperbaric study and areas where more research is warranted
- List treatment protocols, safety issues and contraindications for hyperbaric oxygen treatment
- Describe the affects of hyperbaric oxygen and drug interactions
- Give a brief outline of the economics of chamber operations and reimbursement for hyperbaric oxygen treatment

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 sponsorship 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 UHMS designates this educational activity for a maximum of 40 AMA PRA Category 1 Credit™. Physicians should only claim credit commensurate with the extent of their participation in the activity.

FULL DISCLOSURE STATEMENT: All faculty/ planning members participating in continuing medical education activities sponsored by the Life Support Technologies group are expected to disclose to the participants any real or apparent conflict of interest related to the content of their presentation. Full disclosure of faculty relationships will be made at the activity.

Registration Details

The Registration fee for this program is:

MD, DO, DPM.....\$975.00
RN, LPN, RRT Paramedics, EMT, Technicians..... \$775.00

Please return registration form promptly with check payable to:

Life Support Technologies, Inc.

Mail to:

Life Support Technologies, Inc.
The Mount Vernon Hospital
12 North Seventh Ave.
Mt. Vernon, NY 10550

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 call:
(914) 361- 6795 or 6535 Fax: (914) 664-0955
Or Visit Our Web Site: www.LifeSupport-USA.com
E-mail: LSTcourses@AOL.COM*

Registration Form

Clinical Hyperbaric Medicine

**Winthrop University Medical Center
Long Island, Mineola, New York**

March 20th thru March 24th, 2010



******Print your Name and Degree as you would like them to appear on your
Course Credit Certificate******

Print Name:

First	Middle	Last	Degree(s)
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Mailing Address:

Phone #: _____

E-Mail Address: _____

Hospital Affiliation: _____

Specialty: _____

___ **Clinical Hyperbaric Medicine
MD, DO, DPM (\$975.00)**

___ **Clinical Hyperbaric Medicine
Nurses and Techs (\$775.00)**

Please Make Checks Payable to:

**Life Support Technologies, Inc.
12 North 7th Ave, - 5 West
Mount Vernon, NY 10550**