

Registration

To register contact:

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Course Fee*:

Physicians: \$1,200
NP, PA: \$825
Nurse, RT, Tech, Allied Health: \$450

Name: _____

Professional Initials: _____

Hospital: _____

Address: _____

City: _____

State: _____ Zip Code: _____

Telephone: _____

Email: _____



Thomas E. Serena, MD is the founder of SerenaGroup, which is dedicated to the science and practice of Wound Healing and Hyperbaric Medicine. He is President of the American Professional Wound Care Association and Vice President of the American College of Hyperbaric Medicine. Dr. Serena has conducted over fifty clinical trials, and is recognized internationally as an expert in wound healing practice, science and research, extensively publishing and presenting around the world. He heads the Clinical Trials Course, and was a writer of the Guidelines for the treatment and prevention of chronic wounds for The Wound Healing Society. He sits on the board of the Association for the Advancement of Wound Care, and serves as chairman of the AAWC Global Volunteers through which he has taught wound care and mentored doctors in Rwanda, Cambodia and Haiti. Dr. Serena is a graduate of William and Mary College and Penn State College of Medicine.

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Timothy Mayhugh, CHT, serves as a clinician, educator, and safety director for hyperbaric services for all SerenaGroup Centers. He is responsible for the orientation, credentialing, and competencies of the hyperbaric staff. He is a member of UHMS, ACHM, and NBDHMT. Tim is a Certified Hyperbaric Technologist, and a frequent speaker for Hyperbaric and Wound Care symposiums. He attended the University of Cincinnati and owned and managed a successful printing and mail order company for over 20 years. Tim is particularly interested in complex wound care and research designed to expand the indications for hyperbaric medicine.

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Presents

Hyperbaric Medicine and Wound Care Challenges

May 11-14, 2017

**Erie County Medical Center
462 Grider St
Buffalo, NY**

Hyperbaric Medicine and Wound Care Challenges

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 Medicine Society (UHMS) and SerenaGroup, Inc. The UHMS is accredited by the ACCME to provide continuing medical education for physicians.

The Undersea Hyperbaric Medical Society designates this live activity for a maximum of 43 *AMA PRA Category I credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity. As this course's Joint Sponsor, the Undersea and Hyperbaric Medical Society, Inc (UHMS) provides only administrative approval for the Continuing Medical Education (CME) aspects of this course. Consequently, the approaches, views, statements, and opinions expressed in the lectures and materials being presented are those of the course's authors, lecturers and director(s) and do not necessarily represent those of the UHMS. A detailed description of UHMS course sponsor relationships is available on the UHMS website: <http://membership.uhms.org/?page=CMEsponsorship>.

This Activity is approved by the California Board of Registered Nurses Provider #06572 for 43 Contact Hours (CNE).

FACULTY:

Thomas Serena, MD
Tim Mayhugh, CHT

All faculty members and planners participating in continuing medical education activities sponsored by SerenaGroup, Inc. 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 COURSE

This 43-hour course in hyperbaric medicine is designed for physicians, nurses, and technicians to provide an introduction to the use of hyperbaric oxygen therapy in clinical practice. Upon completion of this course, you will be able to demonstrate knowledge and understanding specific to your discipline through discussion, didactic and hands on participation including:

- The historical perspective of hyperbaric medicine
- The physical effects of increased pressure and oxygen on human subjects and physical systems
- The physiological, pharmacological and biochemical aspects of oxygen under pressure
- Indications for use of hyperbaric oxygen including currently approved indications outlined by the Undersea and Hyperbaric Medical Society as well as experimental and controversial indications
- Contraindications to the use of hyperbaric oxygen
- Assessment and management of the hyperbaric candidate including assessment of tissue oxygenation, wound management, infection control, and management of the critically ill patient
- Oxygen toxicity related to hyperbaric oxygen therapy
- Prevention and management of hyperbaric emergencies, including seizures, barotrauma, pneumothorax, hypoglycemia, and cardiac arrest
- In-chamber attendant safety including the use of decompression tables
- Hyperbaric chamber safety including fire safety, safety codes, and standards
- Safe chamber operation practices of mono-place and multiplace chambers including safe compression and decompression