



**SERENAGROUP RESEARCH
FOUNDATION IN COOPERATION WITH
PERRY PRO PRESENTS:
INTRODUCTION TO HYPERBARIC
MEDICINE**

**HUNTSVILLE, TEXAS
JUNE 25 – 28, 2020**



"Join us as we emerge from isolation for an interactive and entertaining 40-hour course in Hyperbaric Medicine."
Thomas E. Serena MD FACS

The SerenaGroup® has conducted the Introduction to Hyperbaric Medicine course through-out the world for more than a decade. Led by Dr. Thomas Serena and his team of experts in advanced wound care and hyperbaric medicine the 40-hour course covers a wide range of topics from wound care principles to physics and indications for hyperbaric therapy. In addition, the SerenaGroup® team reviews hyperbaric billing and reimbursement, compliance and instituting meaningful quality metrics. The curriculum combines didactic lectures with hands-on practical sessions in a casual interactive atmosphere that facilitates learning and retention. Designed for physicians, nurses, and technicians, attendees will garner knowledge that immediately impacts their practice. The course satisfies the Centers for Medicare Services educational requirements for provider billing for hyperbaric treatments.



Course Fees:

Physicians: \$1,200

Advanced Practice Clinicians: \$825

Nurse, RT, Tech, Allied Health: \$450*

TO REGISTER FOLLOW THE LINK:

<https://serenagroupinc.com/hbo-training/>

APPROVED FOR 40 CME/CEU credits

This activity has been planned and implemented by Amedco LLC and SerenaGroup®. Amedco LLC is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC), to provide continuing education for the healthcare team. The course has been reviewed and certified by the National Board of Diving & Hyperbaric Medical Technology (NBDHMT). The course has also been reviewed and approved by Baromedical Nurses Association (BNA). Graduates of this course meet the criteria for the CHT/CHRN application status. Learners must complete an evaluation to receive a certificate of completion. Partial credit of individual sessions is not available. It is the responsibility of the participant to contact the licensing/certification board to determine course eligibility for board requirement.

A Brief Overview of the Course Agenda:

- The History of Hyperbaric Medicine
- The Basics of Wound Healing
- The Practice of Wound Care
- Physics for Hyperbaric Medicine Clinicians
- “The Five:” The Mechanism of Action of Hyperbaric Oxygen Therapy (HBOT).
- Pharmacology for Hyperbaric Medicine Clinicians
- Dive Table “Bingo”
- The Undersea and Hyperbaric Medical Society 14 Approved Indications for HBOT.
- The off-label use of HBOT
- HBOT research including COVID19
- Oxygen Toxicity
- Complications of HBOT
- Choosing the appropriate candidate for HBOT
- Evaluating patients for HBOT
- Billing and Reimbursement for HBOT
- Breathing Gas Systems
- Infection Control in the Hyperbaric Suite including precautions for COVID19
- Introduction to monoplace chamber operation including hands-on session.
- Introduction to multiplace chamber operation
- Hyperbaric Nursing
- Quality metrics and KPIs
- Hyperbaric safety

Please contact Tim Mayhugh tmayhugh@serenagroups.com

OR

Dr. Thomas Serena serena@serenagroups.com with questions.



Huntsville Memorial Hospital

110 Memorial Hospital Dr. Huntsville, TX 77340

Faculty



Dr. Thomas E. Serena MD FACS FACHM MAPWCA, Founder and Medical Director of The SerenaGroup®, a family of wound, hyperbaric and research companies, is a Phi Beta Kappa graduate of The College of William and Mary and Penn State Medical School. He completed his residency in Surgery at The Milton S. Hershey Medical Center and maintains board certification in Surgery.

To date he has opened and operates advanced wound care centers across the United States and globally. Dr. Serena has been the lead or Principal investigator in over 100 clinical trials, including gene therapy, antimicrobial dressings, growth factors, topical and parenteral antibiotics and CTP therapy. He founded the first wound healing cooperative research group conducting clinical trials world-wide. In 2011 he developed a diagnostic technique that now bears his name (The Serena Technique©). He is the senior author on the first publication on the use of hyperbaric oxygen in the treatment of COVID19. This research is ongoing. He holds numerous patents on wound care devices and dressings.

He is recognized internationally as an expert in the field of wound healing: He has more than 200 published papers and has given more than 1500 invited lectures throughout the world. He has published two medical textbooks and authored numerous book chapters. He has been a member of the Board of Directors of the Wound Healing Society and served two terms on the board of the Association for the Advancement of Wound Care (AAWC) and is now the immediate Past-President. He has also been Vice-President of the American College of Hyperbaric Medicine and President of the American Professional Wound Care Association.

Dr. Serena has done extensive medical relief work with Health Volunteers Overseas and served as chairman of the AAWC Global Volunteers/HVO Steering Committee until 2016. In 2016 in partnership with HEAL Foundation he opened a wound clinic in Ho Chi Minh, Vietnam. Outside of wound healing, he consulted for the government of Rwanda on AIDS prevention research.

Hyperbaric oxygen therapy in preventing mechanical ventilation in COVID-19 patients: a retrospective case series



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.



Matthew Schwyer, CPCO, CHT, Chief Quality Officer for the SerenaGroup® Matthew oversees quality, education & clinical competence. He is an expert in revenue cycle and reimbursement. He has provided strategic direction and oversight for regulatory compliance, transitional management, safety and reimbursement for wound care programs across the globe. He is recognized as a thought leader and is frequently invited to speak at meetings both nationally and internationally. Matt holds a degree in Health Care Administration and is certified in Hyperbaric Medicine and Wound Care. He has been a member of the Board of Directors for the Undersea and Hyperbaric Medical Society (UHMS) and recently received the UHMS Associates Distinguished Service award.

All faculty members and planners participating in continuing medical education activities sponsored by SerenaGroup® 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.