



**REGISTER
TODAY!**

Baltimore's First Hyperbaric Symposium

THE 2018 SYMPOSIUM ON HYPERBARIC MEDICINE

March 17, 2018

Hyatt Regency Baltimore Inner Harbor

300 Light Street
Baltimore, MD 21202

Course Director:

Ziad K. Mirza, MD
HyperHeal Hyperbarics
Chief Medical Officer

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<https://www.ceme.org/hyperbaric>



COURSE DESCRIPTION:

This course offers a comprehensive update, review and future practice of hyperbaric medicine, including oxygen physiology, and the physics and mechanisms-of-action for hyperbaric oxygen therapy (HBOT). Lectures include a review of the primary clinical indications for treatment, management of the patient undergoing hyperbaric therapy, and the future of HBOT. While focused on the basics of HBOT, this course is also an excellent educational opportunity for all health care professionals who want to expand their knowledge of HBOT.

TARGET AUDIENCE:

This course has been designed to meet the educational needs of physicians, PA's, NP's, nurses etc. and other health care professionals involved in treating patients in need of hyperbaric medicine. This includes all those that are involved in wound care as well.

EDUCATIONAL OBJECTIVES:

This course will provide a comprehensive review and update of the major clinical and operational aspects related to the practice of hyperbaric medicine; and its' approved indications. It will also cover the most relevant topics and our speaker's thoughts on the future of HBOT.



CREDIT

“This activity has been planned and implemented in accordance with the Essential Areas and policies of the Accreditation Council for Continuing Medical Education through the joint providership of the Center for Emergency Medical Education and HyperHeal Hyperbarics”

“The Center for Emergency Medical Education is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.”

The Center for Emergency Medical Education designates this live activity for a maximum of 8.0 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

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AT THE CONCLUSION OF THIS EDUCATIONAL ACTIVITY, PARTICIPANTS SHOULD BE ABLE TO:

- Explain the physiology and mechanisms of action of hyperbaric oxygen therapy (HBOT)
- Determine the primary clinical indications for hyperbaric oxygen
- Assess the risks, benefits, and contraindications for HBOT
- List the mechanism of acute and chronic radiation tissue injury
- List the most commonly involved tissues that manifest radiation injury
- Discuss the work up needed prior to starting adjunctive hyperbaric oxygen therapy for patients with radiation tissue injury
- List the common causes of gas embolism
- Describe the most common signs and symptoms of a gas embolism
- List the appropriate treatment of a gas embolism
- List why infected tissues becomes hypoxic
- Understand why infected hypoxic ischemic tissues causes acute life and limb threatening infections or severe chronic / refractory infections
- Understand the anti-inflammatory, anti-infective potentials of HBOT and list a number of reasons why treatment with HBOT can be of value in infective hypoxic disorders
- List the most common “flesh eating bacteria” associated with Necrotizing Soft Tissue Infection (NSTI) and the pathophysiology of its necrotizing character
- Describe the most common signs and symptoms of NSTI
- List the appropriate treatment of NSTI
- Have better knowledge of the current state of the art for hyperbaric medicine and how it benefits many wound care patients



VENUE INFORMATION:

Hyatt Regency Baltimore
Inner Harbor
300 Light Street
Baltimore, Maryland, 21202

Tel: 410.528.1234

<https://baltimore.regency.hyatt.com/en/hotel/home.html>

Discounted parking just for the day: self parking \$15/Valet \$25 (Overnight parking charges are \$28.00 for self-parking and \$40.00 for valet parking.)

AT THE CONCLUSION OF THIS EDUCATIONAL ACTIVITY, PARTICIPANTS SHOULD BE ABLE TO (CONT.):

- Discuss the treatment guidelines
- Evaluate patients and conduct treatment to the approved clinical indications
- Discuss with their clinical colleagues the appropriate approach to patient care in hyperbaric and wound care situations
- Use a multi-disciplinary approach to hyperbaric patient care
- Demonstrate knowledge and competence in the clinical setting
- Discuss new indications for hyperbaric medicine and implement them in their clinical practices
- Understand the different types of auditors and the key aspects to be aware of with each, what are the most important reimbursement compliance practices and implement fundamental practices for prevention and detection of audits

AUDIO VISUAL:

Any AV required can be provided through the Hyatt AV Team. Their AV Team will ensure all your requirements are set and ready to operate upon your arrival to the meeting room. Please contact me Jesse Birndorf at jbirndorf@hyperhealhyperbarics.com for details.

There will be a continental breakfast, coffee tea and water all day, buffet lunch and snacks for the afternoon break.

Any special accommodations or dietary restrictions contact jbirndorf@hyperhealhyperbarics.com

2018 SYMPOSIUM ON HYPERBARIC MEDICINE AGENDA

7:30AM - 8:15AM - CHECK-IN AND CONTINENTAL BREAKFAST

8:15AM - 8:30AM - OPENING REMARKS

Ziad Mirza, MD

8:30AM - 9:15AM - BASIC SCIENCE AND MOA OF HBOT AND ITS FUTURE

Stephen Thom, MD, PhD

9:15PM - 10:00AM - DECOMPRESSION ILLNESS, AIR GAS EMBOLISM

Doug Sward, MD, FACEP, FAWM

10:00AM - 10:15AM - BREAK/VENDOR EXHIBITS/SNACKS

10:15 - 11:00AM - NECROTIZING SOFT TISSUE INFECTION AND GAS GANGRENE

Robert Rosenthal, MD

11:00AM - 11:45AM - DIABETIC FOOT ULCERS AND DIFFICULT TO HEAL WOUNDS

Thomas Gilbert III, DO, FACEP, FAPWCA, FACHM

11:45AM - 12:30PM - CARBON MONOXIDE POISONING

Kelly Arbor-Johnson, MD, FACEP, FUHM, FACMT

12:30PM - 12:45PM - BREAK WITH VENDORS AND GRAB LUNCH

12:45PM - 1:45PM - LUNCH WITH REIMBURSEMENT COMPLIANCE AND AUDIT PREVENTION 101

Stephen Bittinger, Esq.

1:45PM - 2:00PM - Q & A WITH SPEAKERS

2:00PM - 2:30PM - BREAK WITH EXHIBITORS AND SNACKS

2:30PM - 3:15PM - DELAYED RADIATION INJURY

Narayan Kulkarni, DO, UHM, FAACWS

3:15PM - 4:00PM - CHRONIC REFRACTORY OSTEOMYELITIS

Peter Gary Allinson, MD, FUHM

4:00PM - 4:15PM - BREAK/VENDOR EXHIBITS/SNACKS

4:15PM - 5:00PM - ACUTE ARTERIAL INSUFFICIENCY INCLUDING CENTRAL RETINAL ARTERY OCCLUSION

Kinjal N. Sethuraman, MD, MPH

5:00PM - 5:45PM - OTHER APPROVED INDICATIONS AND SUMMATION/REVIEW

Ziad K. Mirza, MD

5:45PM - CLOSING REMARKS

Ziad K. Mirza, MD



LIST OF PLANNING MEMBERS AND SPEAKERS

1. [Ziad K. Mirza, MD](#) - Activity Director, Chief Medical Officer of HyperHeal Hyperbarics
2. [Stephen R. Thom, MD, PhD](#) - Professor of Emergency Medicine and Director of Research, Emergency Medicine at University of Maryland Medical Center
3. [Robert Rosenthal, MD](#)- Chief Medical Officer of the Center for Hyperbaric Medicine at University of Maryland Medical Center
4. [Kinjal N. Sethuraman, M.D., M.P.H.](#) - Assistant Professor University of Maryland School of Medicine Associate Director, Center for Hyperbaric and Dive Medicine at the R Adams Cowley Shock Trauma Center.
5. [Douglas Sward, M.D., FACEP, FAWM](#) - Clinical Assistant Professor, Emergency Medicine. Division of Hyperbaric Medicine. Program in Trauma, Shock Trauma Center. University of Maryland School of Medicine. Baltimore, Maryland
6. [Peter Gary Allinson, M.D., F.U.H.M.](#) - Director of Hyperbaric Medicine, Co-Director Wound Care @ Medstar Good Samaritan Hospital. U.S.N./N.O.A.A./U.H.M.S. Certified Diving Medical Officer
7. [Kelly Johnson - Arbor MD, FACEP, FUHM, FACMT](#) - Medical Director, Hyperbaric Medicine Center for Wound Healing and Hyperbaric Medicine MedStar Georgetown University Hospital Washington DC
8. [N. Kulkarni, DO, UHM, FAACWS](#) - Medical Director Advanced Wound Care and Hyperbaric Medicine Frederick Regional Health System/Monocacy Health Partners
9. [Thomas J Gilbert, III, D.O.,FACEP, FAPWCA, FACHM](#) - Medical Director of HyperHeal Hyperbarics, Inc.
10. [Stephen Bittinger, Esq](#) - Nexsen Pruet's Health Care Practice Group, Health Care Reimbursement Attorney, University of Akron School of Law, J.D., Ohio Rising Star for 2016, 2017 and 2018 in Health Care Law by Super Lawyers Magazine
11. [Jesse M. Birndorf](#) - Lead CME Coordinator and Director of Practice Relations of HyperHeal Hyperbarics
12. [Taryn Nelson](#) - CME Coordinator, Practice Manager of HyperHeal Hyperbarics

REGISTRATION FEE:

All Providers: \$150 early registration through Feb. 28th, 2018, \$175 thereafter.

PA/NP/RN/Medical Students: \$75 early registration through Feb. 28th, 2018, \$100 thereafter.

CANCELLATION POLICY:

Cancellations must be made in writing to CEME at ceme@ceme.org. Refunds, less a \$50 processing fee, are provided if cancellation occurs prior to March 2, 2018. There will be no refunds for vendors &/or sponsors.

For more information on all CEME Courses, call toll-free: (800) 651-CEME (2363)

To register online, visit our website at: <https://www.ceme.org/hyperbaric>.



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