2020 SYMPOSIUM ON WOUND CARE AND HYPERBARIC MEDICINE

March 21-22, 2020

Hyatt Regency Baltimore Inner Harbor
300 Light Street
Baltimore, MD 21202
410.528.1234

Course Director:
Ziad K. Mirza, MD
HyperHeal Wound Care & Hyperbarics

REGISTER ONLINE NOW!
2020 COURSE DESCRIPTION
This course offers a comprehensive update, review and future practice of hyperbaric medicine and wound care. This includes oxygen physiology, and the physics, mechanisms-of-action for hyperbaric oxygen therapy (HBOT), and etiology and management of wounds. 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 and wound care, this course is also an excellent educational opportunity for all health care professionals who want to expand their knowledge of HBOT and wound care.

There will be a continental breakfast, coffee, tea and water will be available all day, and a buffet lunch and snacks for the afternoon break. Please refer questions to Michael Gendreau, mgendreau@hyperheal.com.

TARGET AUDIENCE:
This course has been designed to meet the educational needs of MD’s, DO’s, PA’s, NP’s, RN’s, podiatrists, and hyperbaric technicians and other health care professionals involved in treating patients where hyperbaric medicine is recommended. This includes all health professionals that are involved in wound care.

CONTINUING EDUCATION CREDITS:
The 2020 Symposium on Wound Care and Hyperbaric Medicine has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the join providership of SynAptiv and Baltimore Healthcare Consulting Group, LLC. SynAptiv is accredited by the ACCME to provide continuing medical education for physicians.

SynAptiv designates this live activity for a maximum of 13 AMA PRA Category 1 Credits™. Providers should claim only the credit commensurate with the extent of their participation in the activity.

CREDIT
The 2020 Symposium on Wound Care and Hyperbaric Medicine has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the join providership of SynAptiv and Baltimore Healthcare Consulting Group, LLC. SynAptiv is accredited by the ACCME to provide continuing medical education for physicians.

The Maryland Board of Podiatric Medical Examiners has determined that the 13 CME credits available to participants of the 2020 Symposium will be accepted toward the CMEs required for Maryland Podiatrists.

The National Board of Diving & Hyperbaric Medical Technology has approved the 2020 Symposium on Wound Care & Hyperbaric Medicine - Approved for 7 category ‘A’ credits and 6 category ‘B’ credits - March 21-22, 2020.

REGISTER TODAY!
AFTER COMPLETING THIS EDUCATIONAL ACTIVITY, PARTICIPANTS SHOULD BE ABLE TO:

• Understand the physiology and etiology of wound healing and the mechanisms of action of hyperbaric oxygen therapy (HBOT).

• Discuss the physics and physiological effects of Hyperbaric Oxygen Therapy as an adjunct tool in advance wound care.

• Identify different wound types including pressure ulcers, arterial ulcers, venous ulcers, diabetic foot ulcers, lymphedema, and surgical ulcers.

• Discuss difficult to heal wounds and best approach to care delivery.

• Have better knowledge of the current state of the art of hyperbaric medicine and how it benefits many wound care patients.

• Have a better understanding of the ethical issues surrounding HBOT.

• Discuss the business of wound care as it relates to billing and coding.

• Discuss with their clinical colleagues the appropriate approach to patient care in wound care and hyperbaric medicine.
VENUE INFORMATION:
Hyatt Regency Baltimore
Inner Harbor
300 Light Street
Baltimore, Maryland, 21202
Tel: 410.528.1234

REGISTER BY: FEBRUARY 20, 2020
https://2020woundcaresymposium.com/

REGISTRATION FEE:
$400 physicians
Early bird pricing $350, register by February 15, 2020

$200 PAs, NPs, RNs, Medical Students
Early bird pricing $150, register by February 15, 2020

Discounted parking just for the day: self parking $15/Valet $35 (Overnight parking charges are $30 for self-parking and $42 for valet parking.)

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@hyperheal.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@hyperheal.com.

CANCELLATION POLICY:
Cancellations must be made in writing to mgendreau@hyperheal.com. Refunds, less a $50 processing fee, are provided if cancellation occurs prior to March 2, 2020. There will be no refunds after March 2, 2020.

REGISTER TODAY!
# 2020 Symposium on Wound Care and Hyperbaric Medicine Agenda

<table>
<thead>
<tr>
<th>Time</th>
<th>Lecture</th>
<th>Minutes</th>
<th>Speaker</th>
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<tbody>
<tr>
<td><strong>DAY 1</strong></td>
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<tr>
<td>7:30 - 8:15 a.m.</td>
<td>Registration</td>
<td>45</td>
<td>Michael Gendreau</td>
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<tr>
<td>8:15 - 8:30 a.m.</td>
<td>Welcome, Opening Remarks</td>
<td>45</td>
<td>Dr. Stephen Thom</td>
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<tr>
<td>8:30 - 9:15 a.m.</td>
<td>Basic Research in HBOT – What the future holds</td>
<td>45</td>
<td>Dr. Narayan Kulkarni</td>
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<tr>
<td>9:15 - 10:00 a.m.</td>
<td>Treating Radiation Wounds with Hyperbaric Oxygen</td>
<td>45</td>
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<tr>
<td>9:45 - 10:00 a.m.</td>
<td>Coffee Break with Exhibitors</td>
<td>15</td>
<td>Vendors</td>
</tr>
<tr>
<td>10:00 - 10:30 a.m.</td>
<td>Infections in Wound Care</td>
<td>30</td>
<td>Dr. Chandralekha Banerjee</td>
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<tr>
<td>10:30 - 11:45 a.m.</td>
<td>Pulmonary Considerations in the HBOT patient work up</td>
<td>15</td>
<td>Dr. Kelly Johnson-Arbor</td>
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<tr>
<td>11:45 - 12:45 p.m.</td>
<td>Working Lunch - Chamber Safety Mono-place and Multi-place Chambers</td>
<td>60</td>
<td>William C. Gearheart</td>
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<tr>
<td>12:45 - 1:30 p.m.</td>
<td>Threatened Flaps and Grafts</td>
<td>45</td>
<td>Dr. Thomas Gilbert</td>
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<tr>
<td>1:30 - 2:15 p.m.</td>
<td>Ethical Issues in Hyperbaric Medicine and the Future of Care Delivery</td>
<td>45</td>
<td>Dr. Ziad K. Mirza</td>
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<tr>
<td>2:15 - 3:00 p.m.</td>
<td>Return to Diving after DCS</td>
<td>45</td>
<td>Dr. Doug Sward</td>
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<tr>
<td>3:00 - 3:15 p.m.</td>
<td>Coffee Break with Exhibitors</td>
<td>15</td>
<td>Vendors</td>
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<tr>
<td>3:15 - 4:00 p.m.</td>
<td>Gynecological Indications for HBO</td>
<td>45</td>
<td>Dr. Robert Rosenthal</td>
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<tr>
<td>4:00 - 4:45 p.m.</td>
<td>HBOT and GI Pathology and Inflammatory Disease</td>
<td>45</td>
<td>Dr. Kinjal Sethuraman</td>
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<tr>
<td>4:45 - 5:15 p.m.</td>
<td>Mono-place Chamber Critical Care</td>
<td>30</td>
<td>Dr. Peter Allinson</td>
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<tr>
<td>5:15 p.m.</td>
<td>WRAP-UP DAY ONE</td>
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<td><strong>DAY 2</strong></td>
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<tr>
<td>7:30-8:00 a.m.</td>
<td>Breakfast</td>
<td>15</td>
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<tr>
<td>8:00 - 8:15 a.m.</td>
<td>Opening Remarks</td>
<td>15</td>
<td>Dr. David Z. Martin</td>
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<td>8:15 - 9:00 a.m.</td>
<td>Limb Salvage</td>
<td>45</td>
<td>Dr. David Coll</td>
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<tr>
<td>9:00-9:45 a.m.</td>
<td>Arterial Assessment and Ischemic Ulcers What to Do and When to refer</td>
<td>45</td>
<td>Dr. David Coll</td>
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<tr>
<td>9:45 - 10:30 a.m.</td>
<td>DFU – What you need to know</td>
<td>15</td>
<td>Dr. Adam Silverman</td>
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<td>10:30 - 10:45 a.m.</td>
<td>Coffee Break with Exhibitors</td>
<td>45</td>
<td>Vendors</td>
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<tr>
<td>10:45 - 11:30 a.m.</td>
<td>Pressure Ulcer Management</td>
<td>45</td>
<td>Dr. Rex Hung</td>
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<tr>
<td>11:30 - 12:15 p.m.</td>
<td>Lunch Speaker: Coding and Billing: The Business Side of Wound Care and Hyperbaric Medicine</td>
<td>15</td>
<td>Stephen Bittinger</td>
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<tr>
<td>12:15 - 12:30 p.m.</td>
<td>Exhibitors</td>
<td>45</td>
<td>Vendors</td>
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<tr>
<td>12:30 - 1:15 p.m.</td>
<td>Venous Disease and Venous Stasis Ulcers</td>
<td>75</td>
<td>Dr. Dale Buchbinder</td>
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<tr>
<td>1:15 - 2:30 p.m.</td>
<td>Lymphedema</td>
<td>75</td>
<td>Dr. Gabriel Del Corral</td>
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<tr>
<td>2:30 - 3:00 p.m.</td>
<td>Round Table Discussion and Closing Remarks</td>
<td>30</td>
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**975 MINUTES**

**13.0 HOURS OF CME**
COURSE DIRECTOR

Ziad Mirza, MD - is board certified in both hyperbaric medicine and internal medicine. He has been rated a Top Doc in hyperbaric medicine since 2014 and previously served as the Medical Director of one of the areas busiest wound care and hyperbaric hospital units. Dr. Mirza remains a Medical Director of several nursing homes. With over 16 years of experience in the specialty area of hyperbaric medicine and a passion for growing and educating the community about the benefits of HBOT, Dr. Mirza serves as the Chief Medical Officer of HyperHeal Wound Care & Hyperbarics.

FACULTY

Stephen Bittinger is an attorney with the Nexsen Pruet’s Health Care Practice Group. Stephen has a unique, national practice in health care reimbursement defense and litigation. Stephen’s team has represented numerous types of physician practices, home health agencies, medical facilities, ancillary service providers, medical laboratories, revenue cycle management companies, and drug/device manufacturers in Medicare audits (RAC, ZPIC, UPIC, TPE), Medicaid audits (SIU), private payors audits, federal regulatory termination and exclusion proceedings (OIG, AG, private), False Claims Act defense and prosecution, and litigation related to the health care revenue cycle.

Rex Hung, MD is a plastic and reconstructive surgeon practicing at MedStar Good Samaritan Hospital and MedStar Franklin Square Medical Center. As a part of MedStar Plastic and Reconstructive Surgery, Dr. Hung specializes in complex wound reconstruction and functional restoration of the injured limb. Dr. Hung earned his Medical Doctorate at Georgetown University School of Medicine in Washington, D.C.

Dr. Hung has been published in several prestigious publications including Plastic and Reconstructive Surgery, Wounds, and the Journal of Reconstructive Microsurgery. He is a five-time recipient of the String of Pearls Award for Medical Student Education.

Chandralekha Banerjee, MD is Chief of Infectious Diseases at MedStar Good Samaritan Hospital in Baltimore, Maryland and is affiliated with multiple hospitals in the area. She received her medical degree from University of Maryland School of Medicine and has been in practice for more than 20 years. Dr. Banerjee was named a Top Doctor in Baltimore Magazine for Infectious Disease in 2019.

David Zachary Martin, MD is a plastic surgeon for MedStar Plastic and Reconstructive Surgery, practicing at MedStar Good Samaritan Hospital. Dr. Martin earned his medical degree at Georgetown University and completed a five-year residency at Washington University, St. Louis, Missouri. He has served in executive roles at MedStar Good Samaritan Hospital since 2006. Dr. Martin currently serves as the Medical Director of the Hyperbaric Medicine and Wound Healing Center (Healogics), Chief of the Department of Plastic and Reconstructive Surgery, and Attending Plastic Surgeon at MedStar Good Samaritan Hospital.
FACULTY

William C. Gearheart recently retired from University of Maryland Medical System where he was a biomedical hyperbaric operator. Bill is recognized for a multi-faceted career with a core competency in engineered risk management. He has over 20 years of experience in Life Safety and Specialized Fire Protection Systems Analysis.

His interest in diving grew partly from his military service where he was associated with the U.S. Naval Ordnance Command and EOD Program. Following his military service during Vietnam, he went on to earn his civilian Open Water Diving Instructor, NITROX Instructor, EANX Gas Blender and numerous diving specialty certifications.

Stephen Thom, MD, PhD is a Professor of Emergency Medicine at the University of Maryland. He is board certified in emergency medicine and undersea & hyperbaric medicine. Dr. Thom’s training includes a PhD in microbial physiology. His research awards have been focused on biochemical and physiological responses to oxidative stress with a particular focus on the impact of high-pressure gases.

Douglas Sward MD, FACEP, FAWM - Clinical Associate Professor of Emergency Medicine, University of Maryland School of Medicine, Director of Dive Medicine, Center for Hyperbaric and Dive Medicine, R. Adams Cowley Shock Trauma Center.


Robert E Rosenthal, MD - Professor of Emergency Medicine, University of Maryland School of Medicine, Section Chief - Center for Hyperbaric and Dive Medicine, R. Adams Cowley Shock Trauma Center. Dr. Rosenthal has over 30 years’ experience in hyperbaric medicine, in both the monoplace and multiplace environs. His research centers on the effects of oxygen on the brain following cerebral ischemia and trauma. In addition to his HBO responsibilities, Dr. Rosenthal serves as chair of the Institutional Review Board for the University of Maryland Baltimore.

Gabriel Del Corral, MD - Fellowship-trained plastic and reconstructive surgeon at Franklin Memorial Square Medical Center, Board certified by the American Board of Surgery and the American Board of Plastic Surgery. Dr. Del Corral has a specific interest in working with complex reconstructive microsurgery and lymphedema.

Thomas J Gilbert, III, DO, FACEP, FAPWCA, FACHM - is board certified by the ABMS in both Emergency Medicine and Hyperbaric Medicine. He is a Fellow of the American College of Emergency Medicine, Fellow of American College of Hyperbaric Medicine, a Fellow of the American Professional Wound Care Association. He is retired from U.S. Navy. Medical Director of HyperHeal Wound Care and Hyperbarics in Cockeysville and the former medical director of hyperbarics at Meritus Health in Hagerstown, MD.
**FACULTY**

**Kelly Johnson-Arbor, MD, FACEP, FUHM, FACMT** is Medical Director, Hyperbaric Medicine Center for Wound Healing and Hyperbaric Medicine MedStar Georgetown University Hospital Washington DC.

**Narayan Kulkarni, DO, UHM, FAACWS** is medical director of the multidisciplinary FMH Center for Advanced Wound Care and Hyperbaric Medicine, in Frederick, MD. He is ABMS board certified in Hyperbaric Medicine and Family Medicine, and ABWM board certified as a Certified Wound Specialist. He also serves as an assistant clinical professor at WVSOM Medical School in Lewisburg, West Virginia. Dr. Kulkarni has been in practice for 17 years and has a special interest in atypical, vascular and diabetic foot ulcers.

**Kinjal Sethuraman, MD MPH** is the Associate Director of Hyperbaric Medicine at R Adams Cowley Shock Trauma Center. Her research interest includes hyperbaric oxygen as treatment for traumatic brain injury, carbon monoxide toxicity, radiation injury, and ophthalmic conditions. She engages in clinical research related to hyperbaric medicine.

**Adam Silverman, DPM** is a board-certified podiatrist and medical director of wound care at HyperHeal. He is a member of the American Podiatric Medical Association and the Maryland Podiatric Medical Association.

**Peter Allinson, MD** is currently the Medical Director, Hyperbarics at HyperHeal, Rosedale. He has 40 years of experience in hyperbaric medicine. His specialties include Hyperbaric Oxygen Therapy, Anesthesiology and Critical Care Medicine. Dr. Allinson is a U.S.N./N.O.A.A./U.H.M.S. Certified Diving Medical Officer.

**Dale Buchbinder, MD** Dr. Dale Buchbinder is a vascular surgeon with Maryland Vascular Specialists and is affiliated with multiple hospitals in the area, including Greater Baltimore Medical Center and MedStar Good Samaritan Hospital. He received his medical degree from Chicago Medical School at Rosalind Franklin University and has been in practice for more than 20 years.
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