

EMERGENCY MEDICINE REVIEW

Virtual CME Conference Available June 1-29, 2022

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Join the Proper Prescribing Live Webinar,
“Medication Assisted Treatment for Opioid Addiction”
Presented by Trevor Anderson, M.D. — June 2nd at 5:00pm CT

NOTE: Oklahoma physicians must self-report their CME hours and Proper Prescribing attendance online to the Oklahoma State Board of Osteopathic Examiners: <https://www.ok.gov/osboe/>

RELEVANT DISCLOSURES

No content controllers have any relevant relationships, except the following individual:

Speaker: Kelly Murray, Pharm.D.
Companies: Lilly (any division)
Relationship: Grant or research support — relationship has ended

Speaker: Keivan Abtahi, D.O.
Companies: Fee-DePuy (any division)
Relationship: Consulting - relationship has ended

QUESTIONS TO SPEAKERS

You may ask questions to any of our speakers regarding their presentations by emailing us to osu.cme@okstate.edu.
Any questions will be answered within one week.

PLANNING COMMITTEE

David Gearhart, D.O., FACOEP
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Program Chair
and OSBOE Sponsor

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Emergency Medicine
Program Co-Chair

Bobby Abernathy, D.O.
Emergency Medicine
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Emergency Medicine
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CONTINUING MEDICAL EDUCATION

OSU Center for Health Sciences

EMERGENCY MEDICINE REVIEW

June 1-29, 2022 | osu.cloud-cme.com

Conference Agenda

2022 COLA Review Bobby Abernathy, D.O. Tyson Bryant, D.O. Steven Gearhart, D.O.	Causes of and Solutions to Hospital Overcrowding Joshua Gentges, D.O., MPH	Back Pain: Differentials and Red Flags Jason Moore, D.O.
	Acute Coronary Syndromes James Herrington, D.O.	Rapid Sequence Intubation Medication Controversies Kelly Murray, Pharm.D.
Orthopaedics for the Emergency Room Physician: "Breaking" it All Down Keivan Abtahi, D.O.	Why Not Everything about COVID is Bad! David Hogan, D.O.	Ultrasound Guided Fluid Resuscitation Michael Porter, M.D.
Medication Assisted Treatment for Opioid Addiction Trevor Anderson, M.D.	Trauma-Informed Care in the Emergency Department Laura Janneck, M.D.	Urological Emergencies for Emergency Room Providers Thomas M. Rashid, M.D.
Proper Prescribing Livestream June 2, 2022 5:00 – 6:00 p.m. Trevor Anderson, M.D.	ENT in the ER Joe "Tre" Landrum, D.O.	Ventilator Management in the Emergency Department Brie Roepke, D.O.
Managing Alcohol Withdrawal in the ED: Benzos and Beyond Emily Fisher, M.D.	10 Practice Changing Articles from 2021 Aaron Lane, D.O.	Common Radiographic Misses and Mistakes of the Lower Extremity Donald von Borstel, D.O.
Shortness of Breath Gavin Gardner, D.O.	GI Bleeding: Evidence Based Approach to ED Management Eric Lee, M.D.	Acute Management of Stroke Anna Wanahita, M.D.



CONTINUING MEDICAL EDUCATION

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TOPICS & SPEAKERS

2022 COLA REVIEW

Bobby Abernathy, D.O.

Dr. Abernathy currently is a Clinical Assistant Professor of Emergency Medicine with Oklahoma State University Medical Center. He graduated in 2012 from DeBusk College of Osteopathic Medicine in Harrogate, Tennessee. He completed his residency at Oklahoma State University Medical Center where he served as Chief Resident.

ORTHOPEDIC EMERGENCIES FOR THE EMERGENCY ROOM PHYSICIAN: "BREAKING" IT ALL DOWN

Kevin Abtahi, D.O.

Dr. Abtahi completed his medical school training at Nova Southeastern University and Orthopedic Residency at Oklahoma State University Center for Health Sciences in Tulsa. He went on to complete an orthopedic trauma surgery fellowship at Duke University Medical Center in Durham, North Carolina. He currently practices with Orthopedic and Trauma Services of Oklahoma out of St. Francis and St. Johns in Tulsa, OK.

MEDICATION ASSISTED TREATMENT FOR OPIOID ADDICTION

Trevor Anderson, M.D.

Dr. Trevor Anderson graduated from the University of Oklahoma College of Medicine. He completed his residency in General Pediatrics and worked in a tertiary pediatric emergency department prior to coming to OSU where he pursued a fellowship in Addiction Medicine. He now works at the National Center for Wellness and Recovery in partnership with Oklahoma State University where he practices full-time addiction medicine. He also works at 12&12 which is one of the largest state funded detox centers in the state of Oklahoma where he oversees medical detox.

2022 COLA REVIEW

Tyson Bryant, D.O.

Dr. Bryant completed his Medical school training in 2012 at Oklahoma State University College of Osteopathic Medicine. He completed his Emergency Medicine residency at OSU Medical Center. He has worked with the Great Plains Regional Medical Center in Elk City, OK, St. Mary Regional Medical Center in

Enid, OK, and the Indian Hospital in Claremore, OK. Currently, he's an Emergency Medicine Attending Physician with OSU Medical Center.

MANAGING ALCOHOL WITHDRAWAL IN THE ED: BENZOS AND BEYOND

Emily Fisher, M.D.

Emily Fisher is the Residency Program Director for the University of Oklahoma School of Community Medicine Department of Emergency Medicine in Tulsa, Oklahoma. She is in her fourth year as Program Director, previously serving as Clerkship Director and Assistant Program Director. She works clinically at Hillcrest Medical Center in Tulsa, Oklahoma and at Hillcrest Hospital Claremore in Claremore, Oklahoma. She graduated from University of Chicago Pritzker School of Medicine and Cook County Emergency Medicine Residency. Her areas of academic interest include resident wellness and patient communication. She has two children, Leo, 4, and Maya, 1.5, and two energetic big dogs.

SHORTNESS OF BREATH

Gavin Gardner, D.O.

Dr. Gardner is board certified in Emergency Medicine and graduated from residency in 2008 from Oklahoma State University Medical Center where he served as chief resident. He worked at OSU Medical Center as Clinical Assistant Professor of Emergency Medicine until 2013 and subsequently accepted a position at Hillcrest Hospital South as Facility Medical Director. He came back to OSU Medical Center in 2014 and currently works there as Clinical Associate professor of Emergency Medicine. He is a frequent lecturer at this conference and engaged in the education process at Oklahoma State University Center for Health Sciences and the residency programs at OSU Medical Center.

2022 COLA REVIEW

Steven Gearhart, D.O.

Dr. Steven Gearhart graduated from Oklahoma State University College of Osteopathic Medicine in 2011. He completed his residency in Emergency Medicine at OSU Medical Center in Tulsa in 2015. Within his career he has worked with the Chickasaw Nation Medical Center in Ada, OK and Robley Rex VA Medical

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Center in Louisville, Kentucky and is now faculty at Oklahoma State University Medical Center working in the Emergency Department.

CAUSES OF AND SOLUTIONS TO HOSPITAL OVERCROWDING

Joshua Gentges, D.O., MPH

Dr. Gentges is an Associate Professor and the Research Director for The University of Oklahoma's Department of Emergency Medicine in the School of Community Medicine. He writes on many Emergency Medicine topics, and lectures locally, regionally, and nationally on COVID-19, hospital overcrowding, and medical education.

ACUTE CORONARY SYNDROMES

James Herrington, D.O.

Dr. James Herrington completed his medical school training at Oklahoma State University College of Osteopathic Medicine in 2012. He went on to complete an Emergency Medicine Residency at OSU Medical Center in 2016. Currently, he works as a physician at Coffeville Regional Medical Center. Dr. Herrington spent many years volunteering by presenting what the medical profession is the Union High School's Pre-med society.

WHY NOT EVERYTHING ABOUT COVID IS BAD!

David Hogan, D.O.

Dr. Hogan is currently the Director of The TeamHealth Academic Consortium – a group of over 50 GME Training Programs in Emergency Medicine, Family Medicine, Internal Medicine, Anesthesiology, and Surgery across the United States. He also serves as the Director of Education for TeamHealth West Group. He is an adjunct professor in the Department of Family Medicine at OSU College of Osteopathic Medicine. He graduated from Kirksville College of Osteopathic Medicine in 1980, served and trained in Emergency Medicine in the United States Army. After leaving the Army as "Colonel Hogan," he served as core faculty in multiple roles at the Emergency Medicine residency for Oklahoma University, and then at OSU's Program at Integris Southwest Medical Center. He obtained his master's in public health in Epidemiology and Policy through The Andrew Taylor Still University in 2008. He has served as consultant

to the United States Centers for Disease Control and Prevention, The United States White House and Capital Medical Staff, The Nation of Israel, Beirut Red Cross/Red Crescent, and multiple other organizations. He is also a past Chair of the Section of Disaster Medicine for the American College of Emergency Medicine. He currently lives and works in Oklahoma City.

TRAUMA-INFORMED CARE IN THE EMERGENCY DEPARTMENT

Laura Janneck, M.D.

Dr. Janneck is an assistant professor in emergency medicine at the University of Oklahoma School of Community Medicine, where her work focuses is on social medicine and health equity. She was previously faculty at Harvard Medical School and the Cambridge Health Alliance, where she worked with health and law professionals across greater Boston responding to the challenges immigrant and refugee patients face with a crossprofessional, multi-institutional, grassroots and advocacy-informed approach. She has previously served as the Country Director for sidHARte in Rwanda where, in collaboration with the Ministry of Health, she guided the development emergency medical systems across the country. Dr. Janneck studied human biology at Brown University, medicine at Case Western Reserve University, and global health at the Harvard School of Public Health. She completed residency at the Brigham and Women's and Massachusetts General Hospitals, where with the Harvard Humanitarian Initiative she focused on urbanization and humanitarian emergencies. Dr. Janneck is currently an officer for the Section of Social Emergency Medicine within the American College of Emergency Physicians.

ENT IN THE ER

Joe "Tre" Landrum, D.O.

Dr. Landrum graduated from Oklahoma State University College of Osteopathic Medicine. He completed an internship at Tulsa Regional Medical Center, an ENT residency with the Department of Otolaryngology Head and Neck Surgery at Philadelphia College of Osteopathic Medicine in Philadelphia Pennsylvania and a fellowship in Otolaryngic Allergy at Oklahoma State University College of Osteopathic Medicine. Dr. Landrum has

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co-authored numerous publications on the modalities and treatments of Otolaryngic conditions.

10 PRACTICE CHANGING ARTICLES FROM 2021

Aaron Lane, D.O.

Dr. Lane graduated from Oklahoma State University College of Osteopathic Medicine in 2002. He completed a traditional rotating internship at St. Anthony Hospital in Oklahoma City, OK and Emergency Medicine residency at Integris Southwest Medical Center, also in Oklahoma City, OK. He is currently a clinical associate professor of emergency medicine at Oklahoma State University Medical Center. He is certified by the American Osteopathic Board of Emergency Medicine and is a ACLS and PALS certified instructor. He has been published in various journals and has been an invited lecturer at numerous local and national conferences.

GI BLEEDING: EVIDENCE BASED APPROACH TO ED MANAGEMENT

Eric Lee, M.D.

Eric Lee, MD, is an OU Health Physicians Tulsa emergency medicine physician. He has specific expertise in critical care, toxicology, and evidence-based medicine. He obtained his medical degree from the University of Oklahoma College of Medicine in Oklahoma City, OK. Dr. Lee completed his residency at the Alpert Medical School of Brown University in Providence, RI. After completing his residency, Dr. Lee joined OU Health Physicians in Tulsa where he is currently an Assistant Professor and the Assistant Residency Program Director for the Emergency Medicine department within the OU School of Community Medicine.

BACK PAIN: DIFFERENTIALS AND RED FLAGS

Jason Moore, D.O.

Dr. Jason Moore is a graduate of Oklahoma State University College of Osteopathic Medicine. He completed his Emergency Medicine Residency at OSU Medical Center. Dr. Moore is currently a Clinical Associate Professor at OSU Medical Center in the Emergency Department and a Specialty Physician at Oklahoma State Athletics Department. He has served as Director of Rehab and Community Cares at Woodward Regional Hospital, Vice President of Clinics

and Outreach at Kimball Health Services, Director of Rehabilitation and Physical therapist at Kimball Health Services and Partner and President of Physical Therapy of the Bluffs, LLC.

RAPID SEQUENCE INTUBATION MEDICATION CONTROVERSIES

Kelly Murray, Pharm.D.

Dr. Kelly Murray received her Doctorate of Pharmacy from the University of Oklahoma College of Pharmacy in 2007. Her passion for ambulatory care pharmacy and medical education led her to OSU Center for Health Sciences, where she is currently a Clinical Associate Professor in the Department of Emergency Medicine. She is also the Emergency Department Clinical Pharmacist at OSU Medical Center, helping with drug therapy recommendations for patients with a wide range of acuity levels. She is the pharmacist hub team member of OSU's Mental Health, Pediatric Obesity, and Pediatric Emotional and Behavioral Health ECHO lines. She is also the Emergency Medicine residents' Research Director and received her board certification in ambulatory care pharmacy in 2011.

ULTRASOUND GUIDED FLUID RESUSCITATION

Michael Porter, M.D.

Dr. Michael Porter is a home-town physician, calling Norman, Oklahoma his home, and continuing his medical school education through the University of Oklahoma. Dr. Porter has received the Norman Regional Physician Peer Award and has been Core Faculty since the start of the residency program. Dr. Porter has authored published literature called "What is Known About Situational Awareness in ParaMedicine?", and "Towards a Theoretical Framework for Situational Awareness in ParaMedicine." In addition to medical authorship, Dr. Porter enjoys EMS and Ultrasound medicine. If Dr. Porter isn't saving lives, he is spending his time outdoors.

UROLOGICAL EMERGENCIES FOR EMERGENCY ROOM PROVIDERS

Thomas M. Rashid, M.D.

Dr. Rashid is a graduate of the University of Iowa College of Medicine. He completed a Urology and General Surgery residency at William Beaumont

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Hospital in Michigan. Dr. Rashid is currently the Medical Director of Surgeons and Specialist and Medical Director of Urology at Warren Clinic. His Academic and professional appointments include Genitourinary Cancer Clinic at Saint Francis Medical Center, Clinical Assistant Professor in Departments of Family and Community Medicine, Obstetrics and Gynecology and Surgery at the University of Illinois College of Medicine. Dr. Rashid is a member of the American Urological Association. Dr. Rashid is also the proud father of three boys and one girl.

VENTILATOR MANAGEMENT IN THE EMERGENCY DEPARTMENT

Brie Roepke, D.O.

OSU-CHS 2015 Graduate
OSUMC-EM Residency 2019 Graduate
Board Certification ABEM

Clinical Assistant Professor of Emergency Medicine at OSUMC since 2019.
Assistant Program Director of OSU Medicine Residency.

COMMON RADIOGRAPHIC MISSES AND MISTAKES OF THE LOWER EXTREMITY

Donald Von Borstel, D.O.

Dr. Von Borstel graduated from the Lake Erie College of Osteopathic Medicine in 2010. He did his residency in Diagnostic Radiology at Oklahoma State University Medical Center and a Fellowship in Musculoskeletal/Orthopedic radiology at the University of California in Irvine, CA. He is currently an adjunct assistant professor at the Oklahoma State University Medical Center in Tulsa, OK and practices at Diagnostic Imaging Associates in Tulsa, OK. He is involved with several professional medical societies including the American Osteopathic College of Radiology and has been published in various journals. He has also been an invited lecturer at several national conferences.

ACUTE MANAGEMENT OF STROKE

Anna Wanahita, M.D.

Dr. Wanahita graduated medical school in 1999. She completed an Internship in Internal Medicine, a Residency in Neurology and a Mini-Fellowship with Neuro-intervention/Endovascular training. She is currently a Clinical Assistant Professor in the Department of Internal Medicine and a faculty member for the Department of Emergency Medicine for the University of Oklahoma Health Science Center. She currently serves as a Oklahoma State Stroke Systems Advisory Committee Member, CSC national Forum Taskforce for Stroke Research Project and Health Advisory Committee Stroke Working Group for the Oklahoma State Department of Health.

SAVE THE DATE

2022 AIRWAY SIMULATION

July 15, 2022

OSU Center for Health Sciences

4.25 AOA Category 1-A credits

4.25 AAFP Elective credits

2022 VIRTUAL PRIMARY CARE UPDATE

November 1-30, 2022

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20 AOA Category 1-A credits

20 AAFP Prescribed credits anticipated

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ACCREDITATION INFORMATION

CONFERENCE OBJECTIVE

The goal of the 2022 Emergency Medicine Review is to provide emergency physicians with the latest in evidence-based medicine practices. Program participants will then apply the knowledge gained back to their existing rural, suburban or urban practice allowing them to bridge the gap between previous therapies and the current best practices.

At the conclusion of this activity, learners will be able to:

- Recognize common, urgent, and emergent problems in the Emergency Department.
- Apply the most up-to-date practices when managing respiratory distress in the Emergency Department.
- Identify advances in the field of emergency medicine.

AOA

The OSU-COM Continuing Medical Education office is accredited by the American Osteopathic Association to provide osteopathic continuing medical education for physicians.

The OSU-COM CME office designates this program for a maximum of 20 AOA Category 1-A credits and will report CME and specialty credits commensurate with the extent of the physician's participation in this activity.

AAFP

The AAFP has reviewed 2022 Virtual Emergency Medicine Review Conference and deemed it acceptable for up to 20.00 Enduring Materials, Self-Study AAFP Prescribed credits. Term of Approval is from 06/01/2022 to 06/29/2022. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

AMA/AAFP EQUIVALENCY

AAFP Prescribed credit is accepted by the American Medical Association as equivalent to AMA PRA Category 1 credits toward the AMA Physicians Recognition Award. When applying for the AMA PRA, prescribed credit earned must be reported as Prescribed, not as Category 1.

OSU DISCLOSURES

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PROGRAM ATTENDEE NOTICE

For grievances, please contact our staff to report any problems you may have regarding facilities, program content, etc. Concerns about the program's compliance with the AOA Uniform Guidelines, please contact Ashley Groom, M.S., Director of Continuing Medical Education For any unresolved issues regarding compliance with the AOA Uniform Guidelines, you may contact the AOA:

**American Osteopathic Association:
Council on Continuing Medical Education
142 E. Ontario St., Chicago, IL 60611
(800) 621-1773**