



2024 Spring Update Virtual – Re-Release

Agenda & Learning Objectives

(1.0 credit)

Orthopedic Peeves, Pearls & Pitfalls

David Koronkiewicz, DO, MS-HQSM, CHCQM, FAOAO

Learning Objectives:

1. To share practical insights and pitfalls related to orthopedic conditions by enhancing the knowledge of osteopathic primary care providers.
2. This presentation emphasizes the importance of prevention, early identification, diagnosis, and treatment of orthopedic conditions.
3. Attendees will better understand conditions that require timely and appropriate orthopedic referrals.

(1.0 credit)

Migraine

Naveen George, DO, MHSA

Learning Objectives:

1. Evaluate the epidemiology of migraine headache
2. Review migraine pathophysiology
3. Discuss acute and preventative treatments for migraine headache

(1.0 credit)

Sickle Cell Disease: More Than Just Pain

Meghan Drayton Jackson, DO, MBOE

Learning Objectives:

1. Describe different genotypes of sickle cell disease
2. Assess for sickle cell complications within several organ systems and improve osteopathic medical knowledge.
3. Summarize health maintenance and screening for children with sickle cell disease.
4. Summarize therapy options for patients with sickle cell disease

(1.0 credit)

Cybersecurity in Healthcare: Understanding and Managing Digital Disasters

Ryan Hata, MD

Learning Objectives:

1. Identify types of cyberattacks common to healthcare
2. Describe the financial, operational, and clinical impacts of a cyberattack on a healthcare organization
3. Improve the knowledge and ability for osteopathic healthcare providers to prevent, prepare for, address, and recover from a cyberattack.



2024 Spring Update Virtual – Re-Release

Agenda & Learning Objectives

(1.0 credit)

Nasal Disorders and Upper Respiratory Infections in Children

Jeremy Jones, DO

Learning Objectives:

1. Explain the natural history and clinical findings associated with acute sinusitis and upper respiratory infections, and manage appropriately
2. Recognize the clinical findings associated with both unilateral and bilateral choanal atresia, and evaluate appropriately
3. Formulate a differential diagnosis of epistaxis and manage appropriately
4. Recognize the common characteristics of allergic rhinitis and manage appropriately
5. Recognize the clinical findings associated with nasal polyps in patients of various ages and evaluate appropriately
6. Recognize the clinical findings associated with a nasal foreign body and manage appropriately
7. Explain the osteopathic manipulative techniques that would benefit the patient suffering from acute sinusitis, upper respiratory infections, and allergic rhinitis

(1.0 credit)

Exercise is Medicine

Jacklyn Kiefer, DO

Learning Objectives:

1. Describe physical activity recommendations for all age groups
2. Write an exercise prescription
3. Consult appropriately when there are co-morbidities
4. Utilize online resources to help patients to increase activity in their daily lives and recognize the social determinants of health that may make this difficult.
5. Recognize the osteopathic tenets at play when prescribing exercise to treat patients

(1.0 credit)

Updates in the Management of Sexually Transmitted Infections

Matthew Eaton, DO, MPH

Learning Objectives:

1. Be able to empirically cover a patient with appropriate antibiotics to successfully treat gonococcal and chlamydial infections.
2. Be able to identify and properly manage a patient with PID.
3. Be able to identify and properly manage a patient with epididymitis.

1.0 credit)

Orthopedics in the Aging Population

David Koronkiewicz, DO, MS-HQSM, CHCQM, FAOAO

Learning Objectives:

1. After this presentation, the participants will be able to discuss the biological and physiological changes that occur with aging.
2. After this presentation, the participants can holistically care for patients with knee arthritis based on evidence-based guidelines.
3. With the conclusion of this presentation, the audience will be able to identify the risks of falling in patients.



2024 Spring Update Virtual – Re-Release

Agenda & Learning Objectives

(1.0 credits)

Anemia: from a PCPs perspective

Bilal Siddiqui, MD

Learning Objectives:

1. Differentiate between and be able to adequately diagnose different types of anemias.
2. Explain the proper management of hemolytic anemias.
3. Summarize the various symptoms and causes of the different types of anemias.

9:00 AM – 10:00 AM (1.0 credit)

No Bones About it: Osteoporosis Management

Anne Packard, PharmD

Learning Objectives:

1. Summarize the recommendations for treating osteoporosis
2. Review the current therapeutic agents available for osteoporosis
3. Discuss the incidence of adverse effects associated with osteoporosis agents

(1.0 credit)

Lactation Medicine in Primary Care

Jessica Tucker, DO

Learning Objectives

1. Explain normal milk production and infant intake
2. Describe inflammatory breast disorders in lactation
3. Explain rationale for management of inflammatory breast disorders including osteopathic considerations of inflammation

(1.0 credit)

Hyperbaric Oxygen Therapy

Gaston Dana, DO

Learning Objectives:

1. Understand what hyperbaric oxygen (HBO) therapy is.
2. Be able to identify the indications for needing HBO therapy.
3. Understand potential complications of HBO therapy.

3:00 PM – 4:00 PM (1.0 credit)

Beyond the Female Athlete Triad - Relative Energy Deficiency in Sport (RED-S)

Nicholas DeFauw, DO

Learning Objectives:

1. Describe and define the clinical condition known as Relative Energy Deficiency in Sport (RED-S).
2. Identify athletes who are at risk for, or suffer from, Relative Energy Deficiency in Sport.
3. Improve osteopathy patient care by reviewing and improving medical knowledge of treatment plans and options, as well as recommendations for return to sport and exercise, for patients who are at risk for or suffer from Relative Energy Deficiency in Sport.



2024 Spring Update Virtual – Re-Release

Agenda & Learning Objectives

(1.0 credit)

USPSTF Guidelines Update

Rachel Shockley, DO

Learning Objectives:

1. Review USPSTF background
2. Summarize USPSTF Grade A and B screening guidelines
3. Review select USPSTF Grade D and I Screening Guidelines
4. Reinforce the significant impact on decreasing morbidity and mortality of evidence-based screening exams

Gaston Dana, DO



Gaston is a graduate of Nova Southeastern College of Osteopathic Medicine. He is board certified in multiple specialties including undersea and hyperbaric medicine. He is the medical director of the wound and vascular center at Johnson Memorial Hospital.

Nicholas DeFauw, DO



Dr. DeFauw is a Board Certified Primary Care Sports Medicine Physician. He attended Michigan State University College of Osteopathic Medicine. From there he completed a Family Medicine residency at St. John's Macomb Oakland Hospital in Warren Michigan and a Sports Medicine Fellowship at John Peter Smith Health System in Fort Worth Texas. Currently, he works at Goshen Orthopedics providing non-surgical orthopedic care and sports medicine care to multiple local area high schools.

Meghan Drayton Jackson, DO, MBOE



Dr. Meghan Drayton Jackson is an Associate Professor of Pediatrics in the Division of Pediatric Hematology-Oncology at Indiana University School of Medicine and Riley Hospital for Children. Dr. Drayton Jackson has a special interest in caring for patients with sickle cell disease and thalassemia. She joined the Comprehensive Hemoglobinopathy Program at Riley in 2019 where she works with a multidisciplinary team to provide state-of-the-art, evidence-based, quality care using a holistic approach to meet the needs of each child and family. Dr. Drayton Jackson also has additional training in quality improvement/patient safety and applies these principles to address health care utilization and healthcare inequities. She also serves as the Pediatric Hematology/Oncology/Stem Cell Transplant Director of

Quality & Safety. She received her Doctor of Osteopathic Medicine from Ohio University, completed Residency at Cleveland Clinic Children's Hospital and Fellowship at Nationwide Children's Hospital. Dr. Drayton Jackson also has a Master of Business in Operational Excellence from The Ohio State University.

Matthew Eaton, DO, MPH



Dr. Matthew Eaton is a board-certified Emergency Medicine physician and currently practices throughout the greater Indianapolis area. He received his Doctor of Osteopathic Medicine from the Midwestern University - Chicago College of Osteopathic Medicine. Dr. Eaton completed his residency in Emergency Medicine in Illinois, served as chief resident at Midwestern University, and has previously practiced medicine in the Chicago and San Antonio metropolitan areas. He is a member of the American College of Osteopathic Emergency Physician and the American Osteopathic Association. Dr. Eaton is currently serving as Assistant Professor of Emergency Medicine and

Osteopathic Principles & Practice at Marian University - College of Osteopathic Medicine. As a part of the outstanding faculty, he is excited to help shape the future of Osteopathic Medicine in Indiana.

Naveen George, DO, MHSA



Dr. Naveen George, DO, MHSA is a board-certified neurologist and UCNS certified in headache neurology. His practice focuses on the care of patients with migraine and other headache syndromes, and he has been recognized by the American Headache Association as part of the Emerging Leaders program. Dr. George also serves as the informaticist for the neurological institute, leveraging the electronic medical record to optimize patient care and resource utilization. He is extremely involved in medical education, frequently teaching medical students and residents in both inpatient and outpatient settings. Dr. George currently practices in Cleveland and West Lake, OH.

Ryan Hata, MD



Dr. Ryan Hata is a board certified emergency physician and an Assistant Professor of Clinical Emergency Medicine at Indiana University. He completed his Emergency Medicine residency at Wake Forest University and a Disaster Medicine fellowship at Beth Israel Deaconess Medical Center/Harvard Medical School. His academic interests include disaster medicine and medical education, with a focus on counter-terrorism medicine, cybersecurity in healthcare, and medical preparation in low-resource environments. He has presented or taught medicine in over 10 countries and is currently pursuing a Master's Degree in Cybersecurity and Risk

Management at Indiana University.

Jeremy Jones, DO



Jeremy Jones, DO, is a clinical associate professor in primary care at Marian University College of Osteopathic Medicine (MU-COM) in Indianapolis, Indiana. He is a member of the American College of Osteopathic Pediatricians, the American College of Pediatricians, the Catholic Medical Association, the American Osteopathic Association, and the Indiana and Oklahoma Osteopathic Associations. Dr. Jones received his Bachelor of Science in Chemical Engineering at the University of Oklahoma and his Doctorate in Osteopathic Medicine at the Oklahoma State University Center for Health Sciences (OSU-

CHS) in Tulsa, Oklahoma. Dr. Jones is board certified in pediatrics. He has experience in teaching and mentoring medical students and resident physicians for thirteen years. Dr. Jones has clinical interests in asthma education and spirometry; medical knowledge acquisition through illness scripts; and clinical decision-making through train-of-thought processes. His academic interests include integrated lecture design and game-based learning. Dr. Jones has personal interests in his Catholic faith, daily Mass, St. Thérèse of the Child Jesus, Carmelite spirituality, cooking, and chess. Dr. Jones enjoys spending time with his wife, Maria Kayla, and their three daughters: Gemma Rose, Mary Agnes, and Lucy Cecilia.

Jacklyn Kiefer, DO



Dr. Jacklyn Kiefer is board certified in family medicine and holds her certificate of added qualifications in sports medicine. She is an Assistant Director at Community South Osteopathic FM Residency and the Medical Director of the sports medicine division at Community Health Network. She is the team physician for University of Indianapolis and Warren Central High School.

David Koronkiewicz, DO, MS-HQSM, CHCQM, FAOAO



Dr. Koronkiewicz has been a practicing orthopedic surgeon for over thirty at Goshen Health. Since 1994, he has been a member of the Indiana Osteopathic Association. Served as a trustee on the IOA board, was president from 2007-2008, and is presently serving as its President again. In 2010, he was awarded the J.B. Kinsinger Plaque, the IOA's highest honor for outstanding service to the osteopathic profession and his community. He has served as an IOA delegate to the AOA for many years. He was a Board Examiner for the American Osteopathic Board of Orthopedics Surgery and an Assistant Clinical Professor at Marian University College of Osteopathic Medicine. He has held many positions at Goshen Health, including Medical Director of Quality and Utilization Review and Care Management. He completed a Master of Science in Healthcare Quality and Safety Management in 2019. He frequently speaks at the IOA's bi-annual continuing medical education seminars.

Bilal Siddiqui, MD



Dr. Siddiqui is board certified in medical oncology and hematology. He completed his residency at Long Island Jewish Center, New York and his fellowship at IU Medical Center in Indianapolis. Dr. Siddiqui believes that, "A cancer diagnosis brings fear and emotions that completely change your world. You need a physician who not only treats your cancer, but can also take care of you as a person, someone you can trust and share with. My personal approach is to provide my patients a level of comfort that encourages them to ask questions and express their concerns and emotions. I try to give my patients what I would want as a patient: Access to the most recent advancements in the field, the ability

to communicate with your oncologist whenever you need to, and the understanding that you are not going through this alone."

Anne Packard, PharmD



Dr. Anne Packard received her Doctorate of Pharmacy from Purdue University. Dr. Packard completed a PGY-1 Pharmacy Practice residency with Spectrum Health in Grand Rapids, Michigan and completed a PGY-2 Ambulatory Care residency with Kaiser Permanente in Denver, Colorado. She is a Board Certified Ambulatory Care Pharmacist in Primary Care and also holds a faculty position with Community Health Network's Osteopathic Family Medicine residency program. This position combines her passion of teaching and patient care. She has a collaborative drug practice agreement at the residency clinic, which allows her to manage patients with chronic disease states and also assist the medical residents in managing their patients. She provides monthly didactic lectures to the

physician residents and faculty. In addition to teaching medical residents, she regularly precepts pharmacy students from Purdue University College of Pharmacy and Butler University.

Rachel Shockley, DO



Rachel Shockley, DO is the Program Director with Community Health Network South Osteopathic Family Medicine Residency. She is a Volunteer Clinical Assistant Professor of Family Medicine with the Marian University College of Osteopathic Medicine and with the Indiana University School of Medicine. She has a bachelor's degree from DePauw University. She has a doctor of osteopathy from the A. T. Still University. She completed her family medicine residency with the Community Health Network Family Medicine Residency in Indianapolis, Indiana. She completed a family medicine faculty development fellowship at the University of North Carolina. She completed the National Institute for Program Director Development fellowship in 2019.

Jessica Tucker, DO



Jessica Tucker, D.O., NABBLM-C is a board certified family and lactation medicine physician in Columbus, OH.