

MUSCULOSKELETAL GALAXY

JUNE 24 – 26, 2021



Agenda

Thursday, June 24, 2021

11:15 – 11:30 a.m. **Welcome Remarks**

11:30 a.m. – 12:45 p.m. **Basics of Musculoskeletal Imaging**

Michael V. Friedman, MD

At the conclusion of this session, participants should be able to:

- Discuss the basics of radiographic joint evaluation
- Describe the imaging options available for evaluating bone and joint pathology
- Discuss preferred ordering algorithms of radiologic exams

1:15 – 2:15 p.m.

Upper Extremity and C-Spine Physical Exam Techniques

Tom Gocke, DMSc, PA-C, ATC, DFAAPA

Travis Randolph, PA-C, ATC

Nikolas Tasser, PA-C

At the conclusion of this session, participants should be able to:

- Perform physical exam special test, range of motion, and appropriate strength test for the C-spine
- Perform physical exam special test, range of motion, and appropriate strength test for the shoulder
- Perform physical exam special test, range of motion, and appropriate strength test for the elbow, wrist and hand

2:45 – 4:30 p.m.

Billing and Coding for Orthopaedic Services

Shannon DeConda, CPC, CPC-I, CEMC, CPMA, CEMA

At the conclusion of this session, participants should be able to:

- Identify requirements for billing and coding for orthopaedic services
- Recognize the newly updated documentation requirements for orthopaedic services
- Recognize the importance of determining the level of medical necessity and how that impacts coding

5:00 – 6:00 p.m.

Lower Extremity and L-Spine Physical Exam Techniques

Tom Gocke, DMSc, PA-C, ATC, DFAAPA
Travis Randolph, PA-C, ATC

At the conclusion of this session, participants should be able to:

- Perform physical exam special test, range of motion, and appropriate strength test for the L-spine
- Perform physical exam special test, range of motion, and appropriate strength test for the knee and hip
- Perform physical exam special test, range of motion, and appropriate strength test for the foot and ankle

Friday, June 25, 2021

11:30 a.m. – 12:30 p.m.

The Language of Fractures

Christopher V. Bensen, MD

At the conclusion of this session, participants should be able to:

- Discuss basic fracture terminology and nomenclature
- Recognize common fracture patterns, morphology, and classification
- Communicate accurate description of fractures between colleagues

1:00 – 2:00 p.m.

Common Orthopedic Conditions of the Knee Part 1

Ljiljana Bogunovic, MD

At the conclusion of this session, participants should be able to:

- Recognize ACL injuries treatment and recovery
- Identify extensor tendon injuries treatment and recovery
- Recognize patellar instability treatment and recovery

2:30 – 3:30 p.m.

The Foot and Ankle Picture can be Worth 1000 Words...

Sonya S. Ahmed, MD

At the conclusion of this session, participants should be able to:

- Recognize basic foot and ankle anatomy and how it correlates with common foot and ankle conditions
- Identify common foot and ankle orthopedic conditions that exist and how to manage them
- Identify different treatment strategies for basic foot and ankle pathologies and know when to refer to a specialist

4:00 – 5:15 p.m.

Staying Out of Trouble in Pediatric Orthopaedics

Steven D. Gibbons, MD

At the conclusion of this session, participants should be able to:

- Recognize common pediatric orthopaedic conditions
- Recognize common pediatric orthopaedic fractures
- Know how to treat or refer common pediatric orthopaedic fractures

5:45 – 6:30 p.m.

Surgical Skills Lab for Fracture Fixation: Open Reduction Internal Fixation and Lag Screw Techniques

Christopher V. Bensen, MD

At the conclusion of this session, participants should be able to:

- Discuss the nonoperative and surgical options available for management of fractures
- Recognize and indicate the proper procedures to stabilize particular fracture patterns
- Recognize the difference between different types of plate and screw fixation

Saturday, June 26, 2021

11:30 a.m. – 1:15 p.m.

Orthopaedic Fracture Management

Tom Gocke, DMSc, PA-C, ATC, DFAAPA

At the conclusion of this session, participants should be able to:

- Decide on operative vs. non-operative treatment for common fractures
- Discuss the appropriate cast/splint choice for common fractures
- Identify repeat radiograph guidelines for common fractures
- Discuss the average healing time for common fractures
- Discuss techniques for hematoma blocks, fracture reductions, and joint reductions
- Evaluate and treat compartment syndrome and other orthopaedic emergencies relating to fractures

1:45 – 2:45 p.m.

Common Orthopaedic Conditions of the Shoulder in Weekend Warriors

Christopher V. Bensen, MD

At the conclusion of this session, participants should be able to:

- Properly evaluate a patient with shoulder symptoms

- Formulate an appropriate differential diagnosis based on history and physical exam findings
- Recommend initial treatment plans for patients with shoulder impingement, rotator cuff disease, adhesive capsulitis, and glenohumeral osteoarthritis

3:15 – 4:15 p.m.

Hand and Wrist Problems: From the Mundane to the Mangled

Christina M. Ward, MD

At the conclusion of this session, participants should be able to:

- Accurately describe injuries to the fingers and hand
- Initiate treatment for traumatic conditions to the fingers and hand
- Diagnose and initiate treatment for common hand conditions

4:45 – 6:15 p.m.

Hip and Knee Arthroplasty: From Pre-Op to Post-Op

Harry A. Demos, MD

At the conclusion of this session, participants should be able to:

- Discuss the assessment (including radiograph findings) and treatment of hip and knee osteoarthritis
- Identify important considerations for surgical planning
- Discuss appropriate perioperative care in THA/TKA, including DVT prophylaxis and infection prophylaxis
- Review THA/TKA post-op protocols, including pain management and physical therapy

Self-Pace Sessions

Acute Care Splinting and Casting

Tom Gocke, DMSc, PA-C, ATC, DFAAPA

Travis Randolph, PA-C, ATC

At the conclusion of this session, participants should be able to:

- Appropriately apply splint/cast padding for upper and lower extremity injuries
- Appropriately apply fiberglass splints for injuries to the upper and lower extremities
- Appropriately apply a short arm cast and short leg cast

An Overview of Orthopaedic Conditions of the Spine

Travis C Philipp, MD

At the conclusion of this session, participants should be able to:

- Recognize and workup new onset back pain
- Perform a comprehensive exam of the spine
- Identify red-flag symptoms that require more urgent workup and treatment

Common Orthopaedic Conditions of the Hip

Andrea Herzka, MD

At the conclusion of this session, participants should be able to:

- Create an age specific differential for hip symptoms
- Identify common symptoms for hip pathology
- Recognize when to order advanced imaging and when to refer to orthopaedics and/or sports med

Common Orthopaedic Conditions of the Shoulder in the Young Athlete

Christopher V. Bensen, MD

At the conclusion of this session, participants should be able to:

- Properly evaluate a patient with shoulder symptoms
- Formulate an appropriate differential diagnosis based on history and physical exam findings
- Recommend initial treatment plans for patients with AC joint separations, shoulder instability, and labral injuries

Common Orthopedic Conditions of the Knee Part 2

Ljiljana Bogunovic, MD

At the conclusion of this session, participants should be able to:

- Identify management and treatment of meniscal injuries
- Recognize management and treatment of cartilage injuries
- Identify the importance of alignment in the treatment of cartilage injuries

How to Keep Your Job: Understanding Reimbursement and Knowing Your Value

Michael L. Powe

At the conclusion of this session, participants should be able to:

- Describe payment policies and requirements that impact the ability of PAs and NPs to deliver medically necessary orthopaedic services in offices and hospitals

- Explain the unique role that PAs and NPs play in driving increased efficiencies and expanding access to care in new value-based payment models
- Identify strategies to improve the recognition and tracking of the contributions and productivity of PAs and NPs in various specialties and practice settings

Introduction to MSK Injections in Upper and Lower Extremity

Charles Dowell, MS, PA-C, ATC

At the conclusion of this session, participants should be able to:

- Describe the role of anesthetic agents and injections
- Describe and perform proper technique for common MSK injections
- Become familiar with relevant anatomy regarding common MSK injections
- Review acute inflammatory responses and common complications from injections

Let's Talk Drugs: A Pharmacist's Perspective on Orthopedic Surgery Patient Care

Renita Patel, PharmD, BCPS

At the conclusion of this session, participants should be able to:

- Describe main principles of peri-operative pain management in orthopedic patients
- Recognize common DVT prophylaxis treatment and pharmacology approved and used for various orthopedic surgery procedures
- Explain peri-operative antibiotic use in orthopedic surgical procedures
- Outline the approach for managing emergent care of contaminated wounds

Moving On Up: Musculoskeletal Problems of the Forearm and Elbow

Christina M. Ward, MD

At the conclusion of this session, participants should be able to:

- Diagnose and initiate treatment for fractures of the wrist and elbow
- Identify anatomic landmarks of the elbow and forearm
- Describe treatment options for common tendinopathies of the elbow and wrist

Orthopaedic Rehabilitation Techniques

Travis Randolph, PA-C, ATC

At the conclusion of this session, participants should be able to:

- Provide your patients with a Home Exercise Program (HEP) specific to their injury
- Make specific recommendations for Physical Therapy treatment
- Develop post-operative protocols for surgical patients that protects the healing tissue

Orthopaedic Tumors: What the Community Provider Should Know

Yee-Cheen Doung, MD

At the conclusion of this session, participants should be able to:

- Ascertain whether a tumor is likely malignant vs. benign
- Identify how to recognize conditions that need a referral to orthopaedic oncology
- Discuss basics of treatment of primary bone sarcoma, metastatic disease, and myeloma
- Discuss basics of treatment of common benign bone tumors

Overview of Musculoskeletal Infections

Ryland Kagan, MD

At the conclusion of this session, participants should be able to:

- Identify laboratory testing thresholds for diagnosis of common MSK infections
- Describe appropriate imaging for diagnosis of common MSK infections
- Discuss triage urgent and emergent MSK infections

What's Wrong with This Picture? Common Radiology Cases

Sarah Bolander, DMSc, PA-C, DFAAPA

At the conclusion of this session, participants should be able to:

- Review anatomic landmarks of the upper and lower extremity joints on imaging
- Recognize and describe abnormal imaging findings for urgent and emergent orthopaedic conditions
- Engage in the diagnostic process of fractures and other musculoskeletal conditions

- Determine clinical and radiographic indications for advanced musculoskeletal imaging and discuss anticipated findings based on presumptive diagnosis
- Differentiate imaging features consistent with benign versus malignant bone tumors and lesions

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