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Orthopaedic Surgery Sports Medicine Personal Enrichment Course Spring 2021

<u>Course Dates:</u>	Jan. 5, 12, 26, Feb. 2, 9, 22* Tuesdays, 3:00-5:00 PM (*Feb 22 is a Mon)
<u>Maximum Students:</u>	50 Class
<u>Class Year:</u>	MS1 and MS2
<u>Course Director:</u>	Volker Musahl, MD Professor of Orthopaedic Surgery Associate Professor of Bioengineering Associate Team Physician, University of Pittsburgh Athletic Dept.
<u>Contact Information:</u>	UPMC Center for Sports Medicine 3200 S Water St. Tel: 412-432-3618 Email: musahlv@upmc.edu
<u>Registration:</u>	Denise Downs, Office of Medical Education ddowns@medschool.pitt.edu

Description:

There will be 6 sessions in this remote mini-elective course which will run for 2 hours each. The goal of this course is to expose first and second year medical students to the clinical presentation, diagnostic work-up and treatment options for common injuries and pathologies in Orthopaedic Surgery Sports Medicine. Each session will cover a specific joint including the knee, shoulder, hip, hand/wrist, foot/ankle and spine. The surgical anatomy, common pathologic conditions and conservative versus surgical treatment options will be discussed. Radiologic images including x-rays and MRI's will be presented and participants will learn basic interpretation of these studies. Students will be required to review the anatomy and read the selections that will be provided prior to attending each class and be prepared to discuss. Sessions will include a short didactic portion and then will focus on case-based curricula. Cases will be presented, and students will be guided through the clinical decision making process for each condition, including history, physical exam, imaging choice and interpretation, and treatment options.

Course Objectives:

- To review musculoskeletal anatomy of the knee, shoulder, hip, hand/wrist, foot/ankle and spine
- To learn common pathologies and injuries of the knee, shoulder, hip, hand/wrist, foot/ankle and spine
- To review the musculoskeletal physical exam
- To learn the appropriate work-up for injuries of various joints
- To learn to identify imaging findings of common pathologies of the joints
- To apply clinical decision-making for common pathologies of the joints.

Requirements:

- Must attend all sessions.
- Required reading assignments before each session

COURSE OUTLINE

Orthopaedic Surgery Sports Medicine, MS 1 and MS2

Course Director:

Volker Musahl, MD
Professor of Orthopaedic Surgery
Division of Sports Medicine

Faculty:

John Fowler, MD
Assistant Professor of Orthopaedic Surgery
Division of Hand and Upper Extremity Surgery

MaCalus Hogan, MD
Assistant Professor of Orthopaedic Surgery
Division of Foot and Ankle Surgery
Assistant Residency Program Director

Joon Lee, MD
Associate Professor of Orthopaedic Surgery
Division of Spinal Surgery

Bryson Lesniak, MD
Associate Clinical Professor of Orthopaedic Surgery
Division of Sports Medicine

Michael McClincy, MD
Assistant Professor of Orthopaedic Surgery
Division of Sports Medicine

Location:

Remote via ZOOM (links TBA)

There will be required reading assignments and anatomy review before each session

Session I : Tuesday, January 5, 2021

Knee

Required Reading: Netter's Atlas of Human Anatomy-Knee
AAOS Orthopedic Knowledge Update 11 (electronic resource)

Session II: Tuesday, January 12, 2021

Hand/Wrist

Required Reading: Netter's Atlas of Human Anatomy-Hand
AAOS Orthopedic Knowledge Update 11 (electronic resource)

Session III: Tuesday, January 26, 2021

Hip

Required Reading: Netter's Atlas of Human Anatomy-Hip
AAOS Orthopedic Knowledge Update 11 (electronic resource)

Session IV: Tuesday, February 2, 2021

Spine

Required Reading: Netter's Atlas of Human Anatomy – Spine
AAOS Orthopedic Knowledge Update 11 (electronic resource)

Session V: Tuesday, February 9, 2021

Foot/Ankle

Required Reading: Netter's Atlas of Human Anatomy- Foot & Ankle
AAOS Orthopedic Knowledge Update 11 (electronic resource)

Session VI: Monday, February 22, 2021

Shoulder

Required Reading: Netter's Atlas of Human Anatomy-Shoulder
AAOS Orthopedic Knowledge Update 11 (electronic resource)