Orthopaedic Surgery Sports Medicine
Personal Enrichment Course
Spring 2021

Course Dates: Jan. 5, 12, 19, 26, Feb. 2, 9
Tuesdays, 3:00-5:00 PM

Maximum Students: 50 Class

Class Year: MS1 and MS2

Course Director: Volker Musahl, MD
Professor of Orthopaedic Surgery
Associate Professor of Bioengineering
Associate Team Physician, University of Pittsburgh
Athletic Dept.

Contact Information: UPMC Center for Sports Medicine
3200 S Water St.
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Registration: 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 19, 2021
Shoulder
Required Reading: Netter's Atlas of Human Anatomy-Shoulder
AAOS Orthopedic Knowledge Update 11 (electronic resource)

Session IV: Tuesday, January 26, 2021
Hip
Required Reading: Netter's Atlas of Human Anatomy-Hip
AAOS Orthopedic Knowledge Update 11 (electronic resource)

Session V: Tuesday, February 2, 2021
Spine
Required Reading: Netter's Atlas of Human Anatomy – Spine
AAOS Orthopedic Knowledge Update 11 (electronic resource)

Session VI: Tuesday, February 9, 2021
Foot/Ankle
Required Reading: Netter's Atlas of Human Anatomy- Foot & Ankle
AAOS Orthopedic Knowledge Update 11 (electronic resource)