



## MUSCULOSKELETAL IMAGING: A HANDS-ON PRACTICAL WORKSHOP

**THURS, APRIL 16, 2020**

**07:50 – 17:00**

Le Westin Montreal  
270 Saint-Antoine Ouest  
Ville-Marie Room (9th floor)

This one-day hands-on workshop will feature dedicated training and small group didactic lectures focused on updates in musculoskeletal imaging and will provide practical, problem-solving tools for the general radiologist. Designed for practicing radiologists, the workshop is structured to simulate real-case reporting. Short high-impact didactic reviews will be followed by multiple interpretation sessions where participants can review complete image files under the supervision of expert faculty. There is an emphasis on sports-related musculoskeletal injuries, as well as more challenging areas such as spondyloarthropathy imaging and Dual Energy musculoskeletal CT.

With a faculty-to-participant ratio of eight participants to one faculty and plenty of image workstations, participants will benefit from individualized instructor feedback. Instructors will share strategies for the interpretation of difficult imaging patterns, provide tools for navigating the hinterland between normal and abnormal, evaluate musculoskeletal disease processes and review new recommendations. Instructors are all fellowship-trained musculoskeletal radiologists at academic centres.

### TARGET AUDIENCE

This workshop is designed for general radiologists and radiologists-in-training interested in protocolling, imaging and assessment of musculoskeletal injuries and disease.

### LEARNING OBJECTIVES

Following active participation in this simulation workshop, participants should be able to:

- Identify and discuss important features relevant to the diagnosis and evaluation of musculoskeletal disease processes
- Describe correlation between underlying pathologies of spine, sacroiliac joint, shoulder, elbow, wrist, hip, knee, and ankle and imaging features using multimodality approach
- Identify the normal appearances of important anatomic structures on imaging of the shoulder, elbow, wrist, hip, knee and ankle
- Evaluate important imaging features of tendon and labral injuries and their clinical implications
- Detect common abnormalities of frequently injured tendons, ligaments, sacroiliac joint and chondral structures on multimodality MSK imaging

### AGENDA

**07:00 – 07:45** BREAKFAST

**07:50 – 8:00** **Introduction** Adnan Sheikh, MD, The Ottawa Hospital

**08:00 – 09:00** **Shoulder** Bruce Forester, MD, FRCPC, University of British Columbia

**09:00 – 10:00** **Elbow** Robert Bleakney, MD, Joint Department of Medical Imaging, University of Toronto

**10:00 – 11:00** **Wrist** Ryan Foster, MD, FRCPC, The Ottawa Hospital

**11:00 – 12:00** **Spondyloarthropathy** Tom Powell, MD, McGill University, Montreal General Hospital

**12:00 – 13:00** LUNCH

**13:00 – 14:00** **Dual Energy CT** Hugue Ouellette, MD, FRCPC, University of British Columbia

**14:00 – 15:00** **Hip and Pelvis** Hema Choudur, MD, FRCPC, McMaster University

**15:00 – 16:00** **Knee** Ali Naraghi, MD, Toronto Joint Department of Medical Imaging, University of Toronto

**16:00 – 17:00** **Ankle and Foot** Adnan Sheikh, MD, The Ottawa Hospital

**Register at [car-asm.ca](http://car-asm.ca)**