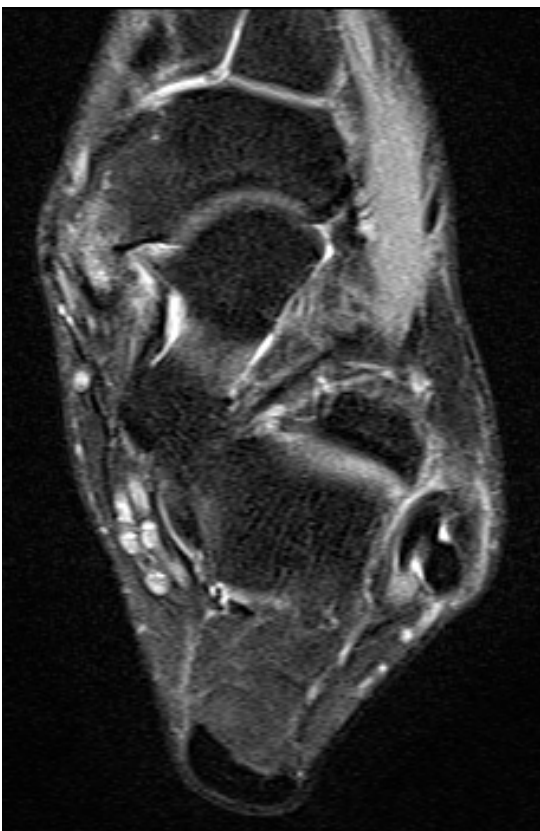
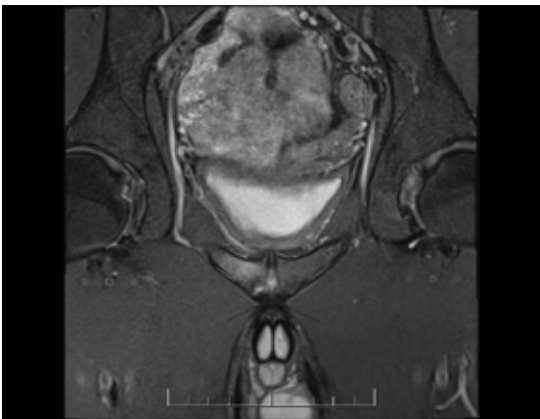


OAR Musculoskeletal MRI 2017

Course Director: Dr. Adnan Sheikh

"This course will be of interest to Radiologists and Radiology Residents & Fellows."



Course Objectives:

The course is a focused review and update of MRI of the musculoskeletal system. There is an emphasis on sports-related musculoskeletal injury, as well as more challenging areas such as post-operative imaging.

At the end of this event, participants should be able to:

- Identify and discuss important features relevant to the diagnosis and evaluation of musculoskeletal disease processes
- Describe how the underlying pathologies of shoulder, elbow, wrist, hip, knee and ankle contribute to its imaging characteristics
- Identify the normal appearances of important anatomic structures on MR imaging of the shoulder, elbow, wrist, hip, knee and ankle
- Evaluate important MR imaging features of tendon and labral injuries and their clinical implications
- Detect common abnormalities of frequently injured tendons, ligaments and chondral structures on MR imaging
 - » The CanMed roles being addressed in the course are Medical Expert and Scholar



Note: Each lecture (except for the 7 Interactive Workshops) contains 5 minutes of interactive Q&A using an ARS (audience response system).

07:00 – 07:30	Registration & Hot Breakfast
07:30 – 07:40	Welcome, Opening Remarks & Review of Course Objectives <i>Dr. Giuseppe Tarulli & Dr. Adnan Sheikh</i>
07:40 – 08:10	Superior Labrum: SLAP Lesions Versus Normal Variants <i>Dr. Donald Resnick</i>
08:10 – 08:40	Post-operative Shoulder and Knee <i>Dr. Mark Schweitzer</i>
08:40 – 09:10	Interactive Workshop 1: Case-based Learning Shoulder (using ARS) <i>Dr. Lawrence White</i>
09:10 – 09:40	MR Neurography <i>Dr. Avneesh Chhabra</i>
09:40 – 09:50	Q & A Session <i>Dr. Taryn Hodgdon - Moderator</i>
09:50 – 10:05	Morning Break
10:05 – 10:35	Posteromedial and Posterolateral Corners <i>Dr. Lawrence White</i>
10:35 – 11:05	Interactive Workshop 2: Case-based Learning Knee (using ARS) <i>Dr. Donald Resnick</i>
11:05 – 11:35	Imaging of Femoroacetabular Impingement <i>Dr. Kawan Rakhra</i>
11:35 – 12:05	Ankle Tendons <i>Dr. Adnan Sheikh</i>
12:05 – 12:15	Q & A Session <i>Dr. Taryn Hodgdon - Moderator</i>
12:15 – 13:00	Lunch
13:00 – 13:30	MSK Manifestation of Diabetes <i>Dr. Mark Schweitzer</i>
13:30 – 14:00	Triangular Fibrocartilage of the Wrist: Anatomy, Function, and Dysfunction <i>Dr. Donald Resnick</i>
14:00 – 14:30	Interactive Workshop 3: Case-based Learning – Wrist (using ARS) <i>Dr. Avneesh Chhabra</i>
14:30 – 15:00	Interactive Workshop 4: Case-based Learning – Elbow (using ARS) <i>Dr. Mark Schweitzer</i>
15:00 – 15:10	Q & A Session <i>Dr. Taryn Hodgdon - Moderator</i>
15:10 – 15:25	Afternoon Break
15:25 – 15:55	Imaging of Arthritis <i>Dr. Avneesh Chhabra</i>
15:55 – 16:25	Interactive Workshop 5: Case-based Learning – Small Joint (using ARS) <i>Dr. Hema Choudur</i>
16:25 – 16:55	Interactive Workshop 6: Case-based Learning – Pelvis (using ARS) <i>Dr. Kawan Rakhra</i>
16:55 – 17:25	Interactive Workshop 7: Case-based Learning – Ankle (using ARS) <i>Dr. Adnan Sheikh</i>
17:25 – 17:30	Q & A Session <i>Dr. Taryn Hodgdon - Moderator</i>

This program was developed in response to past OAR CME Evaluation forms relating to OAR MSK CME events and specific requests to the OAR office requesting programming with an emphasis on MSK MRI.



Donald L. Resnick, MD

Professor of Radiology and Chief of Osteoradiology at the University of California, San Diego (UCSD)

Donald L. Resnick, MD, Professor of Radiology and Chief of Osteoradiology at the University of California, San Diego (UCSD), has devoted more than 30 years to musculoskeletal radiology education. Dr. Resnick received his medical degree and radiology residency training at Cornell University in New York before joining the faculty at UCSD in 1972.

Dr. Resnick is a renowned lecturer, having a profound impact on residents, fellows, and the radiology community in general, throughout the world – he has given more than 40 named lectures throughout the world. For the radiology community, Dr Resnick has made available 900 scientific/educational articles (more than 100 published in *Radiology*), 72 book chapters, and 16 books on musculoskeletal radiology. His list of over 40 awards and honors includes the American

Roentgen Ray Gold Medal, *Diagnostic Imaging Magazine's* 20 Most Influential People in Radiology, Medical Imaging Industry's Top 10 Radiologists, twice-awarded AuntMinnie.com Most Effective Radiology Educator, and an Honorary Doctorate from the University of Zurich.



Mark E. Schweitzer, MD

Professor and Chair, Department of Radiology at Stony Brook School of Medicine, Stony Brook, New York

Dr. Mark E. Schweitzer received his Medical Degree from the State University of New York, Buffalo, New York, in 1986. He has held several academic positions over the years at Thomas Jefferson University Hospital, Philadelphia, PA where he advanced to become Professor of Radiology, and has been a visiting scientist with the Armed Forces Institute of Pathology/American Institute for Radiologic Pathology from 1998 to present.

His current clinical appointment is at Stony Brook School of Medicine, Stony Brook, New York where he is Professor and Chair of the Department of Radiology. Dr. Schweitzer has consulted for numerous American and International professional teams as either the Consulting Radiologist and/or the Radiologist including Philadelphia Phillies and New York Mets (Baseball), Philadelphia Eagles (Football), NY Rangers (Hockey), NY Nets (Basketball). He also served as the radiologist for the Winter Olympics Paralympics in British Columbia, Canada and the French Professional Tennis Association.

Dr. Schweitzer has also held numerous editorial positions where he has been a manuscript reviewer. Today, he is the Editor-in-Chief for the *Journal of Magnetic Resonance Imaging (JMRI)* and is on the Editorial Board for the journal *Magnetic Resonance in Medicine (MRM)*. He is a prolific national and international lecturer and student mentor, and holds several NIH and numerous research grants. He has published over 300+ peer-reviewed publications, over 300 scientific abstracts, 64 book chapters and review articles, 16 scientific oral presentations, 80+ posters and scientific exhibits and has been the editor of four books.



Avneesh Chhabra, MD

Associate Professor of Radiology and Orthopedic Surgery at University of Texas Southwestern, Dallas, Texas

Dr. Avneesh Chhabra is Associate Professor of Radiology & Orthopaedic Surgery, and Chief of the Musculoskeletal Imaging Division at UT Southwestern, as well as at Parkland Health and Hospital System in Dallas, Texas. He is an expert in MR neurography, sarcoma and sports imaging and image-guided pain injections.

Before joining the faculty of UT Southwestern in 2013, Dr. Chhabra was Assistant Professor of Radiology and Orthopedic Surgery at Johns Hopkins School of Medicine in Baltimore, where he facilitated the MRN program and introduced novel technical developments, such as three-dimensional isotropic MRN with nerve selective reconstructions and advanced diffusion imaging in the realm of peripheral nerve imaging, diagnosis and treatment employing multidisciplinary approach.

Dr. Chhabra has received numerous awards including the Asian MSK Society Tummula Oration, GE- AUE Radiology Research Academic Fellowship (GERRAF) and the Society of Skeletal Radiology Young Investigator Award. He has published more than 150 peer-reviewed articles, 25 book chapters and two books in the field of musculoskeletal imaging. He has given more than 100 talks at national and international venues.



Adnan Sheikh, MD

Dr. Adnan Sheikh is an Associate Professor of Radiology at the University of Ottawa, Canada. He is the Medical Director of 3D Printing at The Ottawa Hospital and Associate Editor of the journal 3D Printing in Medicine. In addition, Dr. Sheikh is the Section head and fellowship Director of Emergency Radiology at the Ottawa Hospital.

Dr. Sheikh received his medical school and radiology specialist training from India and completed fellowships in Musculoskeletal imaging and Emergency Trauma imaging from the University of British Columbia before coming on staff at The Ottawa Hospital in 2005. His clinical interests are personalized patient specific 3D printing, functional musculoskeletal imaging, bone and soft tissue tumor imaging, MSK intervention and Emergency/Trauma imaging. Dr. Sheikh is actively involved in multimodality imaging-based multidisciplinary research projects in collaboration

with researchers from the Division of Orthopedic Surgery and Department of Physical Medicine and Rehabilitation at the University of Ottawa.

MSK Speakers



Lawrence White, MD, FRCPC

Dr. Lawrence White is the Radiologist-in-Chief of the Joint Department of Medical Imaging (JDMI) at the University of Toronto, comprised of the Radiology Departments of; Mount Sinai Hospital, the University Health Network (Toronto General Hospital, Toronto Western Hospital, Princess Margaret Hospital, Toronto Rehab Institute), and Women's College Hospital.

Dr. White completed his medical training and residency in Medical Imaging at the University of Toronto, and subsequent fellowship training in Musculoskeletal Imaging and MR Imaging at the University of California San Diego, and Thomas Jefferson University Hospital in Philadelphia. He has been a faculty member of the Department of Medical Imaging at the University of Toronto since 1995, and a full Professor since 2006. Academically, his research and clinical interests have been primarily related to MR imaging of Sports Injuries, Sarcoma, and advanced MR imaging of

Articular Cartilage. During his career at the University of Toronto, he has successfully received multiple peer-reviewed funding awards for collaborative multi-disciplinary research studies, and has published more than 150 peer-reviewed manuscripts in the Musculoskeletal Medical Imaging literature. Dr. White is a fellow of the Royal College of Physicians and Surgeons of Canada, and the American College of Radiology, and currently serves on the executive board of the Society of Skeletal Radiology and is President-elect of the International Skeletal Society.



Kawan Rakhra, MD, FRCPC

Dr. Kawan Rakhra obtained his Doctor of Medicine degree from Memorial University of Newfoundland, completed his Residency in Radiology at the University of Alberta, and completed his formal training with a Clinical Fellowship in Musculoskeletal Imaging at the University of Toronto.

Dr. Rakhra is currently the Head of the Musculoskeletal Imaging Section in the Department of Medical Imaging at The Ottawa Hospital (TOH), and Associate Professor in the Department of Radiology with cross-appointment to the Division of Orthopaedic Surgery. His main clinical interests and research endeavors are around the topics of hip disease including Femoroacetabular Impingement (FAI), advanced MRI techniques of the hip and sports medicine.



Hema N. Choudur, MBBS, FRCPC

Dr. Hema Choudur is an Associate Professor of Radiology and Head of the Division of Musculoskeletal Imaging at McMaster University and is a staff radiologist specializing in MSK at Hamilton Health Sciences in Hamilton, Ontario. Her primary interest is Musculoskeletal Trauma & Sports Imaging (including interventions) and multidisciplinary research with departments of Orthopedic surgery, Rheumatology and Plastic Surgery.

She completed her residency in Radiology and senior residency in Nuclear Medicine at Nizam's Institute of Medical Sciences, India. She completed a Neuroradiology Research Fellowship in San Antonio, Texas and then trained with Dr. Peter Munk in 2003 as a Musculoskeletal Radiology Fellow at the University of British Columbia. She has been on Staff at McMaster University since 2005. She is a member of the ISS, RSNA, ARRS, ESSR and AMS.

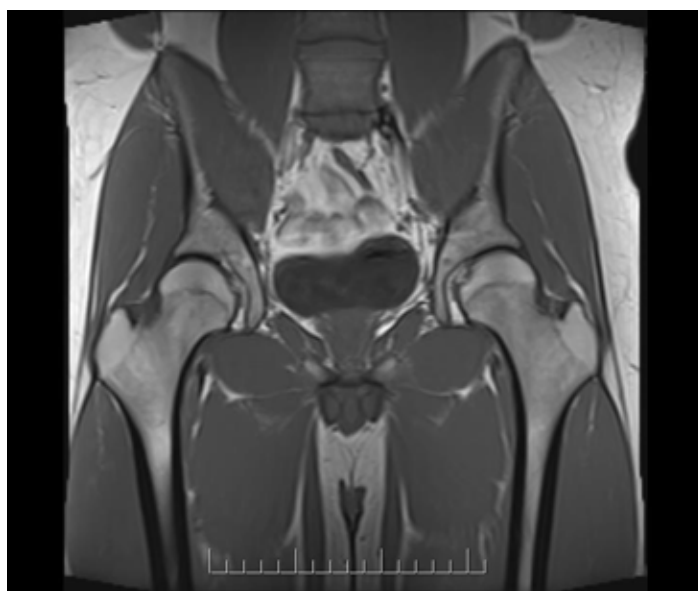
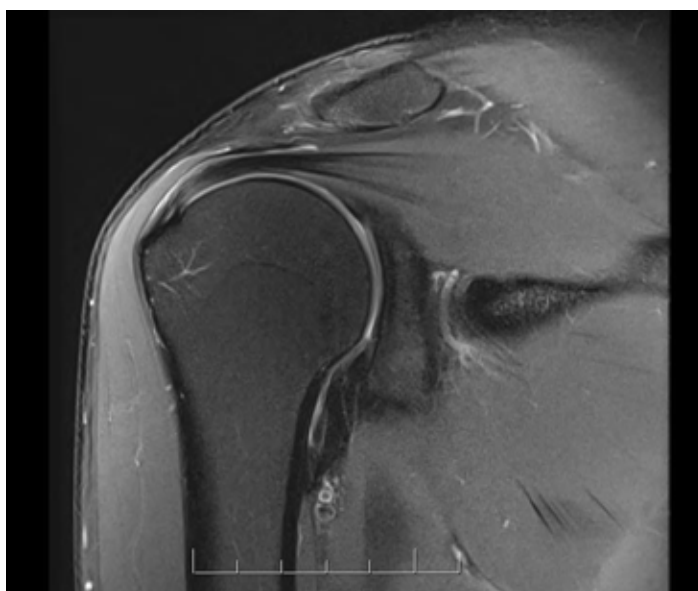
Dr. Choudur has written several chapters on Musculoskeletal Trauma Imaging and numerous peer-reviewed articles. She has lectured globally and conducted several workshops in MSK Ultrasound and Interventions, and is involved in several multi-center trauma trials and global adjudications. She was recently awarded the MacOrtho award of Excellence by McMaster University for her leadership and collaboration in teaching and research.

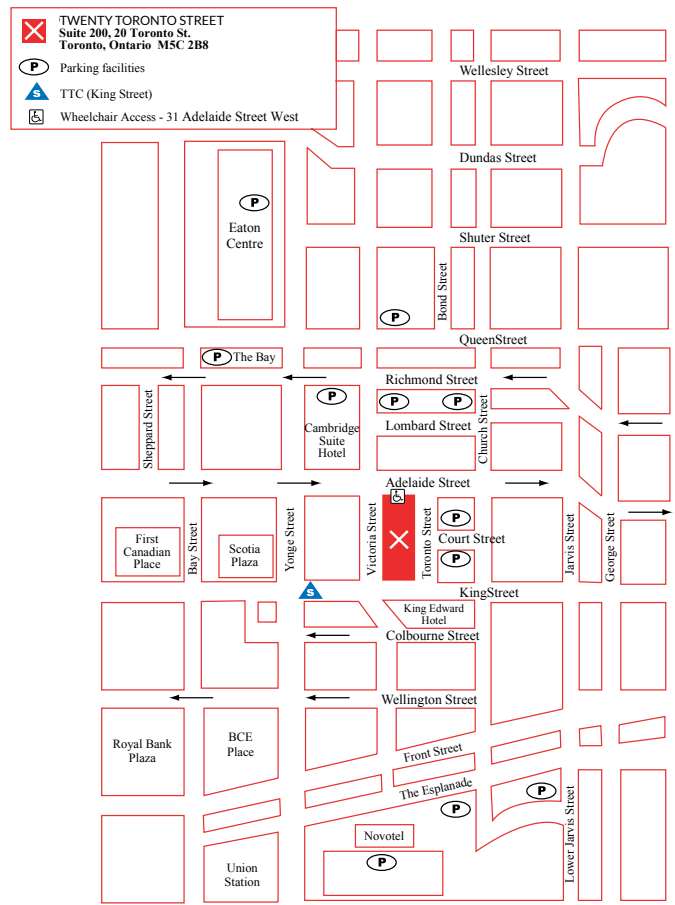
MSK Course Q & A Moderator



Dr. Taryn Hodgdon, MD, FRCPC

Dr. Hodgdon is a Musculoskeletal Imaging Fellow at The Ottawa Hospital. She completed her Diagnostic Radiology Residency at the University of Ottawa/Ottawa Hospital from 2011 to 2016.





Location:

Twenty Toronto Street
Conferences and Events
20 Toronto Street
2nd Floor
Downtown Toronto

OAD MSK MRI 2017 – Saturday, April 29, 2017

REGISTRATION

Includes course materials

- OAR Member **\$400** (before March 29, 2017) **\$450** (after March 29, 2017)
- Non-OAR Member **\$650** (before March 29, 2017) **\$700** (after March 29, 2017)
- Radiology Residents/Fellows No Charge

Live Webcast Brochure



Please note that online registration for all OAR CME events is available at:
<http://oarinfo.ca/cme>

Access to archived versions of the CME program will be made available to all CME participants. Two archived formats will be available. Participants can choose to access the entire event or access the program on a lecture-by-lecture basis. Instructions on how to access the archived CME program will be e-mailed to all participants (live program and webcast of the live program) as soon as they are available. Archived versions of the CME are usually available within 7 to 14 days of the live event.

Cancellation policy:

For OAR members, if cancellation to this event is necessary, please contact the OAR office for assistance. For non-members, a refund will be made less a \$50 processing fee, if cancellation is received in writing two weeks prior to the CME event date. No refunds will be given within two weeks of the CME event. The OAR reserves the right to cancel or move the conference should it become necessary. In this case, each registrant will be notified by telephone or e-mail and a full refund will be given. Therefore it is important that you provide us with an e-mail address and phone number. The OAR is not responsible for any other costs incurred.