

MUSCULOSKELETAL ULTRASOUND: ASSESSMENT OF THE ELBOW, WRIST AND HAND



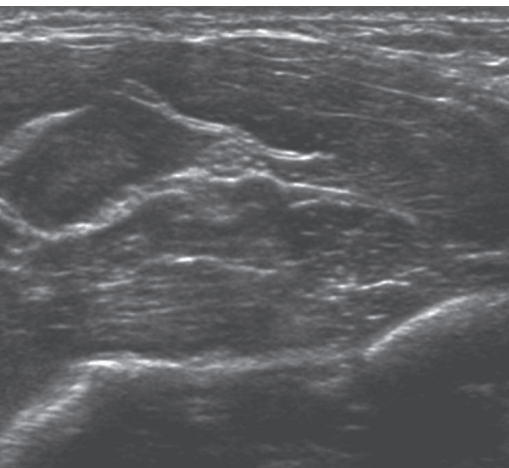
Date

Saturday
March 10, 2012

Location

McMaster Innovation
Park (Atrium@MIP)

175 Longwood Road South
Hamilton, ON, L8P 0A1
Free Parking



Diagnostic Ultrasound has become one of the most rapidly developing fields in musculoskeletal imaging. Dramatic advances in technology have broadened its applications and established ultrasound as an important tool in the assessment of musculoskeletal injuries. This seminar is intended to provide practicing sonographers with relevant and accessible information important to the sonographic assessment of the upper extremity. Using an interactive case study format, the anatomy, technique, indications, sonographic appearances and pathologies of the elbow, wrist and hand will be considered.

Agenda

8:00 Registration

8:30 Applications in Musculoskeletal Ultrasound

- Transferrable Skills in Musculoskeletal Ultrasound
 - Sonographic Appearances of Muscles, Tendons, Ligaments and Nerves
 - Overcoming Artifacts
- Indications for Imaging the Upper Extremity

9:00 The Elbow - Anatomy and Normal Sonographic Appearances

- Patient Positioning
- Lateral Elbow - Common Extensor Tendon; Lateral Collateral Ligament; Radiocapitellar Joint
- Anterior Elbow - Distal Biceps Tendon
- Posterior Elbow - Triceps Tendon; Posterior Joint Recess; Ulnar Nerve
- Medial Elbow - Common Flexor Tendon; Ulnar Collateral Ligament

10:00 Break

10:15 Demonstration of the Routine Elbow Ultrasound

10:45 Pathologies of the Elbow

- Biceps/Triceps Tendon Rupture
- Epicondylitis
- Ulnar Nerve Entrapment
- Loose Bodies
- Joint Effusions, Bursitis, Cysts

11:30 Case Study Rounds

- Correlate Patient History and Clinical Symptoms with Sonographic Images
- Image Critique and Interpretation

12:00 Lunch

1:00 The Wrist and Hand - Anatomy and Normal Sonographic Appearances

- Patient Positioning
- The Wrist - Dorsal Section; Volar Section; Nerves
- The Hand - Flexor and Extensor Tendons; Pulley Injuries

1:45 Demonstration of the Routine Wrist and Hand Ultrasound

2:15 Pathologies of the Wrist and Hand

- Entrapment Neuropathies; Lesions; Tendon Disorders; Traumatic Conditions; Inflammatory Disorders

3:15 Break

3:30 Case Study Rounds

- Correlate Patient History and Clinical Symptoms with Sonographic Images
- Image Critique and Interpretation

4:30 Adjourn

SIEMENS

Siemens Canada will be supporting this workshop by providing an ultrasound unit for live practical demonstrations.

Faculty

Wendy Lawson B.Sc., Dipl. H.S., RDMS, RVT, CRGS, CRVS

In addition to her role as a clinical sonographer, Wendy Lawson is a professor for the collaborative Mohawk McMaster Medical Radiation Sciences Program in Hamilton Ontario. Wendy's first love is teaching, mentoring a new generation of sonographers and sharing her passion for the profession of Ultrasound. A graduate of the University of Waterloo and Mohawk College, Wendy brings a wealth of knowledge and experience to the classroom. Wendy has lectured extensively in such areas as musculoskeletal sonography, obstetrical ultrasound and breast imaging. She is active in the ultrasound professional community; sitting as President on the Canadian Society of Diagnostic Medical Sonographers (CSDMS) Board of Directors. Wendy finds balance in her career by participating actively in volunteerism, education, clinical practice and research. Wendy continues to focus her career around education, both at the program level and in the area of professional development for sonographers.



Discounted guest room rate available at the Visitor's Inn. Call 905.529.6979 to make a reservation and ask for "OAMRT-MCE" group rate.

Cost

- Non-member** **\$350 (+HST)**
- OAMRT, CSDMS or other MRT Provincial Association member** **\$300 (+HST)**

Food and electronic materials included with Registration.

- Printed materials available for \$20 (+HST)**

Credit

Participants will receive a joint certificate of completion from the OAMRT and MCE indicating 6.5 education hours and the equivalent CSDMS CME credits.



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