

MSK UPPER LIMB ULTRASOUND GUIDED INJECTIONS COURSE



NOVEMBER 5-6, 2022
UNIVERSITY OF CALGARY
CALGARY, AB



NOV 2022

COURSE LIMITED TO 40 PARTICIPANTS!

[Register Now!](#)

About the Series

CASEM is back with the Advanced MSK Ultrasound Course with focus on ultrasound guided injections of the upper limbs. The course includes lectures, live demonstrations and cadaver lab workshop sessions. An international Faculty, led by Dr. Jon Halperin, will work with a small participant group to ensure maximum learning.

Planning Committee



Dr. Jon Halperin
MD, FABPMR, Dip. Sport Med., RMSK
(Course Chair)



Dr. Victor Lun
MD, CCFP (SEM), Dip Sport Med
(Local Coordinator)

Course Location

University of Calgary
Health Research Innovation Centre
Advanced Technical Skills Simulation Laboratory
Hospital Drive NW Calgary, Alberta, T2N 4N1



MSK Ultrasound Teaching Faculty

Jon Halperin MD, FABPMR, Dip. Sport Med., RMSK
Troy Henning, DO
Julia Louisa Iafrate, DO, CAQSM, FAAPMR.
Jon A. Jacobson, MD, FACR
Martin Lamontagne, MD, FRCPC, Dip. Sport Med.
Jeffrey Strakowski, MD, FAAPMR

MSK Ultrasound Lab Faculty

Victor Lun MD, CCFP (SEM) Dip Sport Med
Terry DeFrietas, MD, CCFP (SEM), Dip. Sport Med
Ryan Shields, MD, CCFP (SEM), Dip. Sport Med
Chris Beavington, MD, CCFP (SEM), Dip. Sport Med.



SATURDAY NOVEMBER 5, 2022

7:00AM -8:00AM	REGISTRATION AND BREAKFAST
8:00AM -8:20AM	WELCOME /FACULTY INTRODUCTION/ COURSE OVERVIEW
8:20AM -8:40AM	MSK ULTRASOUND BASIC PHYSICS, KNOBOLOGY, AND ERGONOMICS
8:40AM -9:00AM	IMAGING CONVENTIONS, TISSUE DIFFERENTIATION, AND ARTIFACTS
9:00AM -9:30AM	THE SHOULDER: NORMAL ANATOMY AS SEEN WITH ULTRASOUND
9:30AM -10:00AM	THE SHOULDER: NORMAL AND ABNORMAL FEATURES WITH MRI AND ULTRASOUND CORRELATIONS
10:00AM	MORNING BREAK
10:30AM -11:00AM	THE ELBOW, HAND AND WRIST: NORMAL ANATOMY AS SEEN WITH ULTRASOUND
11:00AM -11:30PM	THE ELBOW, HAND AND WRIST: NORMAL AND ABNORMAL FEATURES WITH MRI AND ULTRASOUND CORRELATION
11:30AM -12:00PM	THE BASICS OF MSK ULTRASOUND GUIDED INJECTIONS
12:00PM	LUNCH BREAK
1:00PM -1:30PM	ULTRASOUND GUIDED SHOULDER INJECTIONS
1:30PM -2:00PM	ULTRASOUND GUIDED ELBOW INJECTIONS
2:00PM -2:30PM	ULTRASOUND GUIDED HAND WRIST INJECTIONS
2:30PM -3:00PM	ULTRASOUND DIAGNOSIS AND TREATMENT OF UPPER LIMB TENDINOPATHY
3:00PM	AFTERNOON BREAK
3:30PM -4:00PM	ULTRASOUND DIAGNOSIS AND TREATMENT OF FOCAL NEUROPATHIES IN THE UPPER LIMB WITH FOCUS ON HYDRODISSECTION
4:00PM -4:30PM	DEMO: MSK US EXAM OF THE SHOULDER
4:30PM -5:00PM	DEMO: ELBOW, HAND AND WRIST ULTRASOUND EXAM



SUNDAY NOVEMBER 6, 2022

07:00AM-
08:00AM

REGISTRATION AND BREAKFAST

07:00AM-
11:00AM

DRY LAB (Group A—20 attendees and five faculty. 60 minutes per station)

STATION A - SHOULDER EXAM

STATION B - ELBOW EXAM

STATION C - HAND AND WRIST EXAM

STATION D - TURKEY BREAST AND NERVE EXAM UPPER EXTREMITY

CADAVER LAB (Group B—20 attendees and five faculty. 60 minutes per station)

STATION A - SHOULDER INJECTIONS

STATION B - ELBOW AND FOREARM INJECTIONS

STATION C - WRIST AND HAND INJECTIONS

STATION D - NERVE INJECTIONS UPPER EXTREMITY

OPEN STATION - SHOULDER GIRDLE INJECTION PRACTICE

11:00AM-
12:00PM

LUNCH BREAK

12:00PM
-4:00PM

CADAVER LAB AND DRY LAB REPEATED WITH GROUPS SWITCHED

[Register Here!](#)