ISNeReM
International Society of Neurology and Rehabilitation Medicine

Hôpital du Jura
Nous pour vous !

UNI FR
UNIVERSITÉ DE FRIBOURG
UNIVERSITÄT FREIBURG

Applied for CME Accreditation
(In 2024 17 CME credits have been awarded)

INTERVENTIONAL MUSCULOSKELETAL ULTRASOUND CADAVER COURSE

FRIBOURG SWITZERLAND

Course Director:
Dr. Serdar Koçer

Small groups and high tutor to participant ratio

Multidisciplinary faculty

MSK ULTRASOUND ACADEMY
www.mskultrasoundacademy.com

INTERVENTIONAL MUSCULOSKELETAL ULTRASOUND CADAVER COURSE - DAY 1

INTRODUCTION (by Video Conference - Teams) (1,5 hours)
Ultrasound Basic Knobology, Injection Technique Under Ultrasound Guidance

SHOULDER (3 Hours)

- KEY STRUCTURES - Rotator Cuff Muscles/tendons, Subdeltoid Bursa, Acromio Calvicular and Gleno Humeral Joints, Spinoglenoid and Suprascapular Notches, Suprascapular Nerve

- INDICATIONS - Presentation on Pathologies of the Shoulder and Indications for Treatment

- INJECTION PROCEDURES
  - Intra-Articular - Acromio Calvicular and Gleno Humeral Joints
  - Tendinopathy - Biceps Tendon Sheath.
  - Bursal - Subdeltoid Bursa
  - Pain - Suprascapular Nerve Block

ELBOW (1,5 Hours)

- KEY STRUCTURES - Distal Biceps Tendon, Common Extensor Tendon, Radial Collateral Ligament, Radiocapitellar Joint, Common Flexor Tendon, Medial Collateral Ligament, Triceps Tendon, Olecranon Bursa and Ulnar Nerve in Cubital Tunnel

- INDICATIONS - Presentation on Pathologies of the Elbow and Indications for Treatment

- INJECTION PROCEDURES
  - Intra-Articular - Radiocapitellar Joint
  - Tendionpathy - Med/Lat Injections, Triceps Tendon
  - Bursal - Olecranon Bursal Aspiration/Injection

WRIST AND HAND (3 Hours)

- KEY STRUCTURES - Contents of Carpal Tunnel, Six Compartments of Wrist, Extensor Retinaculum, Radial Nerve/Artery, Ulnar Nerve/Artery, Finger Flexor Tendons and A1 Pulley

- INDICATIONS - Presentation on Pathologies of the wrist and the Hand and Indications for Treatment

- INJECTION PROCEDURES,
  - Tenosynovitis - 1st Extensor Compartment, Trigger Finger
  - Neuropathy - Median Nerve in Carpal Tunnel

ISNeReM International Society of Neurology and Rehabilitation Medicine

Hôpital du Jura Nous pour vous !

UNI FR UNIVERSITÉ DE FRIBOURG UNIVERSITÄT FREIBURG

INTERVENTIONAL MUSCULOSKELETAL ULTRASOUND CADAVER COURSE - DAY 2

HIP and PELVIS (2,5 Hours)

- KEY STRUCTURES - Hip Joint and Anterior Recess, Femoral Artery/Vein and Nerve, Iliopsoas Muscle/Tendon, Proximal Rectus Femoris and Sartorius Muscles/Tendons, Greater Trochanter, Gluteal Tendons, Trochanteric Bursa, Tensor Fascia Latae and Iliotibial Band, Piriformis Muscle

- INDICATIONS - Presentation on Pathologies of the Hip and Indications for Treatment

- INJECTION PROCEDURES
  - Intra-Articular - Hip Joint
  - Bursal - Trochanteric Bursa, Iliopsoas Bursa
  - Tendinopathy - Gluteal Tendon
  - Myofascial Pain - Piriformis

KNEE (2 Hours)

- KEY STRUCTURES - Quadriceps Muscle/Tendon, Suprapatellar Bursa, Femur, Patella, Joint Lines, Menisci, Medial/Lateral Collateral Ligaments, Patellar Tendon, Tibia, Fibula, Pes Anserine Bursa/Tendons, Distal Iliotibial Band, Baker's Cyst

- INDICATIONS - Presentation on Pathologies of the Knee and Indications for Treatment

- INJECTION PROCEDURES
  - Intra-Articular - Suprapatellar Bursal Aspiration/Injection
  - Tendinopathy - Quadriceps/Patellar Tendon
  - Bursal/Cyst - Pes Anserine, Baker's Cyst, Distal ITB

ANKLE AND FOOT (2 Hours)

- KEY STRUCTURES - Tibiotalar Joint, Subtalar Joint, Tibialis Anterior, EHL, Tibialis Posterior, FDL, Peroneal Tendons, Neurovascular Bundle, Achilles Tendon, Plantar Flexor Muscles

- INDICATIONS - Presentation on Pathologies of the Ankle and the Foot and Indications for Treatment

- INJECTION PROCEDURES
  - Intra-Articular - Tibiotalar Joint, Subtalar Joint
  - Tendinopathy - Tibialis Posterior and Peroneal Tendon Sheaths, Achilles Plantar Fasica

REVIEW and EVALUATION (0,5 Hours)

ISNeReM
International Society of Neurology and Rehabilitation Medicine

Hôpital du Jura
Nous pour vous !

UNI FR
UNIVERSITÉ DE FRIBOURG
UNIVERSITÄT FREIBURG

www.mskultrasoundacademy.com

FACULTY

Anatomy: Laurent Tatu, Christian Hammer
PMR: Serdar Koçer, François Droz Bartholet, Gil Pires Rodrigues
Radiology: Roger Bargoin, Marcos Reginato, Arnaud Kolly

LEARNING OBJECTIVES

- Review of MSK anatomy
- Identify on Thiel cadaver the important structures for ultrasound-guided interventions
- Ultrasound-guided injections on the Thiel corpse which allows an excellent visualization of all musculo skeletal structures

SUITABLE FOR

Physiatrist
Orthopeadic surgeon
Sports physician
Rhumatologist
Physiotherapist
Pain specialist

Limited participation: Places will be offered on a first come first served basis. High tutor to participant ratio 1:4

ISNeReM
International Society of Neurology and Rehabilitation Medicine

Hôpital du Jura
Nous pour vous !

UNI FR
UNIVERSITÉ DE FRIBOURG
UNIVERSITÄT FREIBURG

MSK ULTRASOUND ACADEMY

www.mskultrasoundacademy.com