MODULAR POINT OF CARE

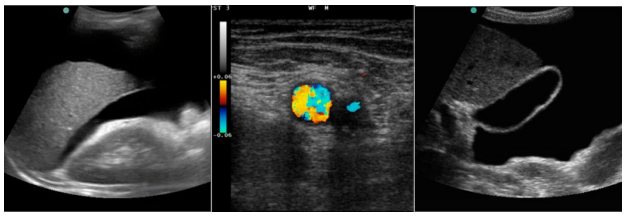
FEATURES:

1. LEARN AT YOUR OWN PACE
2. LEARN AT YOUR OWN INSTITUTION
3. MAXIMUM 1:2 INSTRUCTOR TO LEARNER RATIO
4. EACH MODULE 3-4 HOURS LONG
5. CHOICE OF MODULES AT LEARNER'S DISCRETION

Taught by
Dr. Pierre Mikhail
MD CCFP (EM)

$500 per module (PAID BY LEGS)

For more information or to book please call Sue Featherston
705 789 0022 ext. 2730 or email pmikhail@me.com



Module 1 (3 credits)*:* Introduction to the Principles and Physics of Ultrasound and Ultrasound of the Abdominal Aorta

Objectives for Module 1:

-Discuss the basic principles of the physics of point of care US

-Correctly survey and scan the abdominal aorta, identifying AAA

Module 2 (3 credits)*:* Focused Abdominal Sonography in Trauma (FAST) and 1st Trimester Pregnancy Ultrasound (to rule-out ectopic pregnancy)

Objectives for Module 2:

-Perform focused abdominal sonography in trauma, identifying free fluid in the standard views

-Identify the features of a normal first trimester pregnancy

Module 3 (4 credits)*:* Cardiac Ultrasound (pericardial effusion assessment, global assessment of LV function and IVC status)

Objectives for Module 3:

-Generate the standard cardiac ultrasound views

-Identify pericardial effusion, assess global LV EF, IVC, and features of RV strain

Module 4 (3 credits)*:* Venous Compression Ultrasound for DVT Assessment and Ultrasound for Central and Peripheral Vascular Access

Objectives for Module 4:

-Survey and assess the deep venous system of the legs to rule out DVT

-Identify both venous and arterial structures to allow cannulations of these for central and peripheral venous access as well as arterial access

Module 5 (3 credits)*:* Ocular Ultrasound (for retinal detachment, trauma, hemorrhage, lens dislocation etc) and Lung Ultrasound (hemothorax, pneumothorax, pleural effusion)

Objectives for Module 5:

-Identify the structures of the eye on ultrasound and identify findings such as lens dislocation, retinal detachment and globe rupture

-Assess the lung for pleural effusion, hemothorax and penumothorax

Module 6 (3 credits)*:* Focused RUQ Ultrasound (for gallstones and US evidence of cholecystitis) and Focused Renal/ Bladder Ultrasound (for bladder volume and hydronephrosis)

Objectives for Module 6:

-Identify the gallbladder, assess for stones and identify the common US features of cholecystitis

-Identify and scan the kidneys, assess for hydronephrosis and measure bladder volumes

Module 7 (3 credits)*:* Soft Tissue and Procedural Ultrasound - including abscess drainage, fracture localization and reduction, muscle/tendon tears, joint assessment for effusion, paracentesis, thoracentesis, pericardiocentesis and lumbar puncture localization

Objectives for Module 7:

-Identify soft tissue applications such as abscess localization and foreign body localization

-Use ultrasound for a variety of procedures including fracture assessment, abscess drainage, thorocentesis, pericardiocentesis, and paracentesis

Northern Ontario School of Medicine
École de médecine du Nord de l'Ontario

CEPD
continuing education and professional development

This Assessment program has been certified by the College of Family Physicians of Canada for up to 44 Mainpro+ credits.

This activity is an Accredited Simulation Activity (Section 3) as defined by the Maintenance of Certification Program of the Royal College of Physicians and Surgeons of Canada, and approved by the Continuing Education and Professional Development Office at the Northern Ontario School of Medicine on 28/09/2017 and expires 27/09/2020. Remember to visit MAINPORT ePortfolio to record your learning and outcomes. You may claim a maximum of 4.00 hours per module (credits are automatically calculated).