

SCHEDULE

SATURDAY JULY 22, 2023

(8:00 AM - 8:10 AM) INTRODUCTION
(8:10 AM - 8:40 AM) **PHYSICS & KNOBOLGY**
(8:40 AM - 9:00 AM) Hands on Knobology
(9:00 AM - 9:30 AM) **BILIARY**
(9:30 AM - 10:00 AM) Hands on Biliary
(10:00 AM - 10:10 AM) Break
(10:10 AM - 10:40 AM) **KIDNEY/BLADDER**
(10:40 AM - 11:10 AM) Hands on Kidney/Bladder
(11:10 AM - 11:40 AM) **AORTA**
(11:40 AM - 12:10 PM) Hands on Aorta
(12:10 PM - 1:00 PM) Lunch
(1:00 PM - 1:30 PM) **ECHOCARDIOGRAPHY**
(1:30 PM - 2:00 PM) Hands on Echo
(2:00 PM - 2:30 PM) **LUNG/AIRWAY**
(2:30 PM - 3:00 PM) Hands on Lungs/Airway
(3:00 PM - 3:10 PM) Break
(3:10 PM - 3:40 PM) **TRAUMA/E-FAST**
(3:40 PM - 4:10 PM) Hands on E-FAST
(4:10 PM - 4:30 PM) Free scan
*5:00 PM - 7:00 PM - **HOTEL ROOF TOP RECEPTION**

SUNDAY JULY 23, 2023

(8:00 AM - 8:30 AM) **BOWEL**
(8:30 AM - 9:00 AM) Hands on Bowel
(9:00 AM - 9:30 AM) **OB/GYN**
(9:30 AM - 10:00 AM) Hands on OB/GYN
(10:00 AM - 10:10 AM) Break
(10:10 AM - 10:40 AM) **DVT**
(10:40 AM - 11:10 AM) Hands on DVT
(11:10 AM - 11:40 AM) **OCULAR**
(11:40 AM - 12:10 PM) Hands on Ocular
(12:10 PM - 1:00 PM) Lunch
(1:00 PM - 1:30 PM) **US ADMINISTRATION**
(1:30 PM - 2:00 PM) **US GUIDED PROCEDURES**
(2:00 PM - 2:30 PM) Hands on US Procedures
(2:30 PM - 3:00 PM) **MSK/SOFT TISSUE**
(3:00 PM - 3:30 PM) Hands on MSK/Soft Tissue
(3:30 PM - 3:40 PM) Break
(3:40 PM - 4:10 PM) **REGIONAL ANESTHESIA**
(4:10 PM - 5:00 PM) Hands on Regional Anesthesia

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COURSE COMMITTEE
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SPEAKERS

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Ricardo Rodríguez, MD
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Harold Gomez Acevedo, MD
Brandon Regional Medical Center

Paul Khalil, MD
Nickalus Children's Hospital

Cloty Torro, MD
Nicklaus Children's Hospital

Mathew Pyle, MD
Jackson Memorial Hospital

MIAMI BEACH POINT-OF-CARE ULTRASOUND CONFERENCE JULY 22 & 23

PRESENTED BY



15

AMA PRA CATEGORY
1 CME CREDITS
AVAILABLE

REGISTRATION

\$550 / \$150 (Residents/Fellows/Students)

To register please see our website

<https://www.miamibeachem.com/miami-beach-pocus-conference-2023>

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COURSE INFORMATION

Focus ultrasound began to make its way to the emergency departments in the late 1980s with the first emergency ultrasound publication in 1998 with the utility of echocardiography performed by Emergency Department (ED) physicians. Since then, emergency ultrasound has become a standard emergency physician skill that is taught in emergency medicine (EM) residencies, tested on boards and endorsed by many professional societies, including the American Academy of Emergency Medicine (AAEM) and American College of Emergency Physicians (ACEP). Focused emergency ultrasound is utilized to diagnose acute life-threatening conditions, guide invasive procedures and treat emergency medical conditions, ultimately improving patient care. It has also been demonstrated to speed care, enhance patient satisfaction, save lives and decrease patient complications.

Upon completion of this course, participants should be able to:

- Gain experience with POCUS systems for clinical practice.
- Build cognitive and psychomotor skills required to perform POCUS in the evaluation, treatment, and disposition of patients in the ED.
- Learn to use POCUS as an adjunct in the interpretation of critical care scenarios (e.g. cardiac arrest, ruptured ectopic) to improve decision-making and patient care.

APPLICATION OBJECTIVES

PHYSICS/KNOWBOLOGY: Participants will learn the fundamentals behind how ultrasound machines work including image generation and artifact. Participants will learn how to operate, adjust and customize machines

BILIARY: Participants will learn focused ultrasound assessment in the evaluation of RUQ abdominal pain for the diagnosis of biliary disease (i.e. - acute cholecystitis, choledocholithiasis).

RENAL/BLADDER: Participants will learn a focused renal exam to recognize calculi, hydronephrosis and evaluate bladder for size and outlet obstruction.

AORTA: Participants will learn limited views of the abdominal aorta and iliac arteries. If a AAA is identified, the physicians will also assess for free intraperitoneal fluid.

ECHOCARDIOGRAPHY: Participants will learn limited cardiac views and applications to estimation intravascular volume status, left ventricular ejection fraction, effusion/tamponade, and right ventricular dysfunction.

LUNG/AIRWAY: Participants will learn focused evaluation of the lungs, pleura and airway.

TRAUMA/EFAST: Participants will learn how to utilize ultrasound in trauma evaluation including how to identify intraabdominal free fluid, intrathoracic free fluid, pericardial effusion and pneumothorax.

BOWEL: Participants will learn a focused evaluation of the intestines for acute pathology (i.e.-small bowel obstruction, appendicitis).

OB/GYN: Participants will learn transabdominal and transvaginal sonographic techniques for the limited evaluation of first and second trimester pregnancies and ovarian pathology

DVT: Participants will learn a focused evaluation of the deep veins of the lower extremities for thrombus.

OCULAR: Participants will learn a focused evaluation of the ocular and peri-ocular regions for pathology.

US ADMINISTRATION: Participants will learn about the administrative side of point-of-care ultrasound and what is needed to establish a point-of-care ultrasound system at your institution.

PROCEDURAL US: Participants will learn how to use ultrasound for procedural guidance.

SOFT TISSUE/MSK: Participants will do a focused evaluation of the skin and musculoskeletal system for pathology (i.e.-infection, fractures, effusions, tears)

REGIONAL ANESTHESIA: Participants will learn the anatomy, indications, contraindications and technique for performing regional anesthesia in the emergency department. Participants will learn various blocks covering upper extremity, lower extremity and trunk

MIAMI BEACH POINT-OF-CARE ULTRASOUND CONFERENCE JULY 22 & 23

DISCLOSURE STATEMENT

This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of the American Academy of Emergency Medicine (AAEM) and Miami Beach Emergency Medicine. AAEM is accredited by the ACCME to provide continuing medical education for physicians.

CREDIT DESIGNATION STATEMENT

The American Academy of Emergency Medicine designates this live activity for a maximum of 15.25 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Target Audience

Practitioners who utilize emergency / clinical point-of-care ultrasound in their medical practice.