

Overview Program

This **Workshop** is focused on pediatric emergency, neonatal and pediatric critical care medicine bedside ultrasound. It is designed for neonatal, critical care, anesthesia and pediatric emergency providers with basic or advanced knowledge of bedside ultrasonography. Through a combination of lectures and hands-on practical sessions using live pediatric models and simulation equipment, course attendees will learn ultrasound fundamentals (physics and principles of scanning) and ultrasound scanning techniques.

The course is being taught by neonatologists, cardiologists, anesthesiologists, emergency medicine physicians, pediatric radiologists and critical care medicine ultrasound experts.

It will have a low student-to-teacher ratio of 5-to-1. A limited portion of this course will be devoted to a knowledge and skills assessment exam and a brief discussion of program development and administrative issues with regard to point-of-care ultrasound.

The following topics will be covered in this two-day workshop with a short theory and a lot of hands on time:

Cardiac first look in the ER, Cardiac Views, Cardiac Function Assessment, Shock and Hypotension

And other important topics like:

Introduction to FAST/FAFF, Vascular Access and Basic Procedures, Lung Ultrasound, Head Ultrasound

Objectives

1. Demonstrate core nonprocedural ultrasound skills (basic fluid and cardiac function assessment, FAST exam, pulmonary ultrasounds) using bedside ultrasound
2. Demonstrate core procedural ultrasound skills (intravenous line insertion and fluid drainage)
3. Discuss appropriate indications and limitations of the bedside ultrasound exam in pediatric acute care settings

The detailed Program is coming soon.