

# 1-Day Ultrasound Course Schedule

## Day 1 Morning



### Introduction to Ultrasound

- Ultrasound Physics
- Probe functions and types
- Methods of scanning (sliding, rocking, other movements and techniques)
- Probe Settings (depth, "knobology")
- Hand movements and dexterity



### Abdominal Ultrasound

- Aorta (all views, normal anatomy, pathology)
- Biliary Quadrant (gallbladder, stones, techniques)
- Kidney (hydronephrosis, pyelonephritis)
- Trans-abdominal Pelvis



### Trauma Ultrasound

- eFAST exam
- Right upper quadrant imaging
- Left upper quadrant imaging
- Bladder Imaging
- Cardiac Imaging
- Lung Imaging



### Free Scan with Live Models

- Small groups, team led with hands-on guidance and findings

## Day 1 Afternoon



### Specialty Ultrasound

- Ocular Ultrasound (retinal detachment, foreign bodies)
- Foreign body imaging
- Ultrasound-Guided IV and Central access technique
- Lower Extremity Vascular Ultrasound



### Afternoon Free Scan

- Small groups, team led with hands-on guidance and findings
- Review and individual practice sessions with instructors
- Additional ultrasound applications
- Wrap-Up and Closing