



Course Catalogue

POCUS Concepts: A Hands-on Workshop for Beginners

Participants should be new to Ultrasound and describe themselves as beginners with very limited Ultrasound exposure. Individual- \$500 / Group of 10- \$4000 / Contact us for GME custom pricing.

- Ultrasound Fundamentals Lecture
- Sonographic terminology
- Image interpretation
- Basic Ultrasound Physics to improve your image.
- Image acquisition on a live patient
- Patient preparation
- Probe selection and mechanics
- Knobology
- Common Artifacts/Pitfalls
- Clinical application/Tips for image acquisition.

Ultrasound Guided Vascular Access

Individual- \$650 / Group of 10- \$6000 / Contact us for GME custom pricing.

- PIV Vascular Access
- Central line placement
- Radial / Art Line

Vascular Ultrasound: Bedside Applications

Individual- \$850 / Group of 10- \$8000 / Contact us for GME custom pricing.

- Carotid
- Abdominal Aorta /IVC
- Lower Extremity DVT limited exam

POCUS Concepts: Abdominal Ultrasound

Participants should have a basic understanding of Ultrasound Physics, Principles, and be able to identify basic sonographic anatomy.

Individual- \$600 / Group of 10- \$5500 / Contact us for GME custom pricing.

- Liver, hepatic anatomy, ascites
- Abdominal Aorta
- IVC
- Gall Bladder & Biliary Tree
- Appendix
- Renal & Bladder
- Spleen

eFast, RUSH Protocols, and Lung Ultrasound

Individual- \$750 / Group of 10- \$7000 / Contact us for GME custom Pricing.

- Lung ultrasound technique
- Lung sliding
- A-Lines / B-Lines
- How to interpret normal lung ultrasound
- All lung ultrasound signs with examples.
- How to diagnose major lung pathology
- Extended Fast trauma protocol
- RUSH Protocol – Rapid Ultrasound for Shock and Hypotension.

Cardiac POCUS: Transthoracic Echo for the EMED & Acute Care Provider

Individual- \$1000/ Group of 10- \$9500 / Contact us for GME custom pricing.

- Normal anatomy and pathology
- Core Cardiac views and scanning windows
- Using these views to identify normal anatomy and typical patient presentation
- Cardiac Pathology commonly seen – Identifying Acute vs non-Acute
- Shock and Resuscitation identifiers and applying these methods

Cardiac POCUS: Advanced Cardiac Scanning

Individual- \$1000/ Group of 10- \$9500 / Contact us for GME custom pricing.

Participants should already practice basic Cardiac POCUS

- EF
- EPSS
- TAPSE
- Cardiac Output
- Right Ventricle Strain
- Shock and Resuscitation identifiers and applying these methods.

Transesophageal Echo: Hands-on TEE Simulation

Individual- \$1299/ Group of 10- \$12,000 / Contact us for GME custom pricing.

This course is customized for the EMED, ICU, or Anesthesia Provider.

- Patient preparation
- Probe insertion and Operation Mechanics
- Knobology
- Normal anatomy
- Pathology
- Common Artifacts/Pitfalls
- Clinical application/Tips for image acquisition.
- Core Cardiac TEE views and scanning windows
- Using these views to identify normal anatomy and typical patient presentation.
- Cardiac Pathology-Identifying Acute vs non-Acute
- Shock and Resuscitation identifiers, techniques, and applications.

Transesophageal Echo: Part II Advanced Calculations

Individual- \$1499/ Group of 10- \$14,000 / Contact us for GME custom pricing.

This course is customized for the EMED, ICU, or Anesthesia Provider familiar with TEE.

- Advanced Pathology
- Additional Cardiac TEE Views
- Assessing acute cardiac changes
- Using Doppler assessment
- M-Mode
- Velocity Calculations
- Shock and Resuscitation identifiers, techniques, and applying these methods in the surgical, trauma, or critical care environment.

Soft Tissue & Nerve

Individual- \$750 / Group of 10- \$7000 / Contact us for GME custom Pricing.

- Visualizing different tissue characteristics
- Fracture identification
- Tendon injury
- Joint identification / effusion
- Foreign body identification
- Large Nerve Plexus visualization

Pelvic US- Trans-abdominal & Trans-vaginal approach

Individual- \$750 / Group of 10- \$7000 / Contact us for GME Custom Pricing

- Locate & Identify
 - Uterus
 - Ovaries
 - Pelvic Vasculature in both trans-abdominal & trans-vaginal methods of imaging.
- Evaluate both normal and abnormal pathology, with simulated commonly visualized cases.
- Case based lectures and images help connect learned skills with real world experiences.

OB Ultrasound: First Trimester Trans-abdominal & Trans-vaginal approach

Individual- \$750 / Group of 10- \$7000 / Contact us for GME Custom Pricing

- Review the sonographic signs of pregnancy, and confirmation of IUP.
- Fetal Heart Rate using M-Mode
- Learn the primary methods of sonography dating (CRL, GS, Yolk Sac)
- Overview the criteria used to determine viable versus non-viable pregnancy in the first trimester.
- Case Presentations and Simulated views of commonly encountered abnormalities identified during 1st-trimester sonography.

OB Ultrasound: Late Trimester Trans-Abdominal Fetal Assessment

Individual- \$850 / Group of 10- \$8000 / Contact us for GME custom Pricing.

- Bio-Physical Profiles (BPP)
- Fetal Lie
- Amniotic Fluid Index
- Placental Presentation
- Fetal Heart Rate
- Assessment of GA using a combination of biparietal diameter (BPD), head circumference (HC), abdominal circumference (AC), and femur length (FL).
- Evaluation of the uterus and adnexa

We offer discounts for large groups, Residents, and Fellows!
Contact us to schedule – jody@emcc-ultrasound.com