

The Society of Point of Care Ultrasound

The Society of Point of Care Ultrasound is the only national organization committed to clinical ultrasound. SPOCUS has become a leader by creating national policy, generalist guidelines, and ultrasound training so that every clinician can utilize sonography to provide the best patient care. SPOCUS can support your goal of developing or improving the ultrasound presence in your institution by providing advice on curriculum integration, faculty training, and access to free text books and web based didactics.

A robust ultrasound presence can be created for students by providing personal ultrasound machines for \$65 per student per month.

SPOCUS can even connect you to a program mentor to establish a Student Ultrasound Interest Section (SUIS) as a student extracurricular activity. SPOCUS can also provide advice with billing, credentialing, leadership, quality assurance, risk management and other administrative tasks, as well as help you formalize your current ultrasound practice presence so you can assume a leadership position in your organization.

SPOCUS Membership

- Consulting and advice on machine purchase
- Mentorship for Students Ultrasound Interest Section (SUIS)
- Free remote peer training for faculty members, Train the Trainer Program
- "Clinical Ultrasound Director Leadership Packet," containing all the paperwork needed to formalize your practice ultrasound presence
- Generalist Clinical Ultrasound Guidelines
- Discounts to CME courses
- Society leadership and committee positions
- Publishing opportunities

SPOCUS CME Workshops

Is your organization interested in hosting a hands on workshop at their next CME event? SPOCUS has a cadre of instructors with amazing teaching experience. Our team can custom design and plan a workshop that will get your members on the road to POCUS competency.

- Cardiac- Basic and Advanced
- Procedures/Needle Placement
- DVT
- Lung Ultrasound
- Musculoskeletal Ultrasound
- Gall Bladder
- Bowel- Obstruction, Appendicitis, Pyloric Stenosis, Intussusception
- FAST
- Regional Anesthesia
- AAA
- Soft Tissue
- Gyn and First Trimester Pregnancy
- Thyroid
- Ocular
- Testicular
- Instrumentation and Physics

Specialty Specific Courses

- Critical Care- Volume Assessment, Stroke Volume, Sepsis, Resuscitation
- Primary Care
- Pediatrics
- Faculty, Teaching and Medical Education
- Emergency Medicine
- Orthopedics
- Trauma

Point of Care Ultrasound for Pulseless Electrical Activity

SPOCUS

The Society of Point of Care Ultrasound

SPOCUS.org
UltrasoundSociety.org

Ultrasound has changed the way we approach the patient in shock and cardiac arrest. With the ability to visualize the structures in the thorax, learn to use POCUS to guide treatment and identify reversible causes of arrest, as well as distinguish asystole from profound shock. Finally, learn to use POCUS as a tool to guide the cessation of resuscitation.

POCUS Conquers: Is That Really Asystole?

Ideal for: Emergency Medicine,
Internal Medicine, Surgery,
Urgent Care

Ultrasonic Solution:

You're running ACLS on a cardiac arrest patient who presents to your ED. Your eyes are surveying the monitor and cannot find a rhythm compatible with any evidence of life, and your best nurses are attempting to find a pulse without success. Do you feel confident enough to call this the time of death? Not so fast! POCUS has shown cardiac activity in both PEA and asystole rhythms. In fact, one study identified at least 54% of PEA patients and 10% of asystole patients that had cardiac activity on US. Those same studies showed those with out cardiac activity had a much poorer prognosis. POCUS can also help identify reversible causes of cardiac arrest such as pericardial tamponade, PE, tension pneumothorax, MI and hemorrhage.

Level of difficulty:

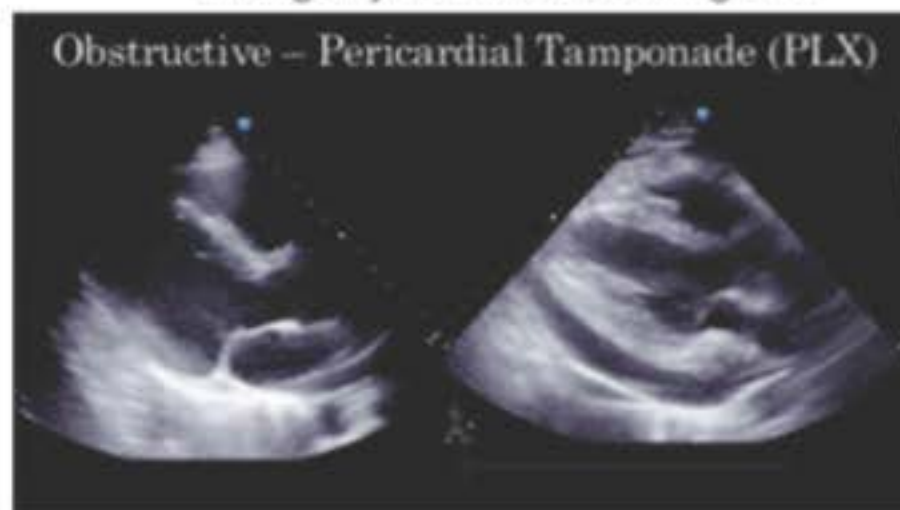
Identification of Cardiac Activity on POCUS



RebelEM.com PEA – EVALUATION

QRS NARROW MECHANICAL (RV) PROBLEM	QRS WIDE METABOLIC (LV) PROBLEM
<ul style="list-style-type: none"> Cardiac tamponade Tension PTX Mechanical hyperinflation Pulmonary embolism 	<ul style="list-style-type: none"> Severe hyperkalemia Sodium-channel blocker toxicity
ACUTE MI Myocardial rupture	AGONAL RHYTHM
ACUTE MI Myocardial rupture	ACUTE MI Pump failure
BELOW VS. LV HYPERDYNAMIC PSEUDO-PEA	LV HYPODYNAMIC OR ARRESTIC TRUE PEA

EmergencyUltrasoundTeaching.com



Slideshare.com, SCGH ED



EmergencyUltrasoundTeaching.com



EmergencyUltrasoundTeaching.com



Introduction to Bedside Ultrasound Vol I&II,
By Mallin and Dawson
UltrasoundPodCast.com
UltrasoundLeadershipAcademy.com



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