

The Society of Point of Care Ultrasound

SPOCUS.org

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

- SPOCUS can host an ultrasound workshop at your next CME conference
- Consulting and advice on machine purchase
- Mentorship for Student 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
- 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 DVT



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UltrasoundSociety.org

Clinicians can learn this test in 10 minutes, have nearly 100% sensitivity, perform the bedside test in 4 minutes and bill just like any other procedure.

POCUS Conquers: The Painful Swollen Leg: In-Office DVTs

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

Ultrasonic Solution:

It's 4:45pm and your post-operative patient walks in for routine follow up, except they present with a swollen, cramping feeling to their medial thigh that began yesterday. Uh-oh! Fortunately, in the minutes it takes to call report to the local ED, or fill out a script for outpatient testing, you could have performed the exam. Accuracy? Fear not-studies have demonstrated POCUS has a 96% sensitivity and 97% specificity for acute DVT outside the radiology suite.

Level of difficulty:

Identification of Acute DVT:



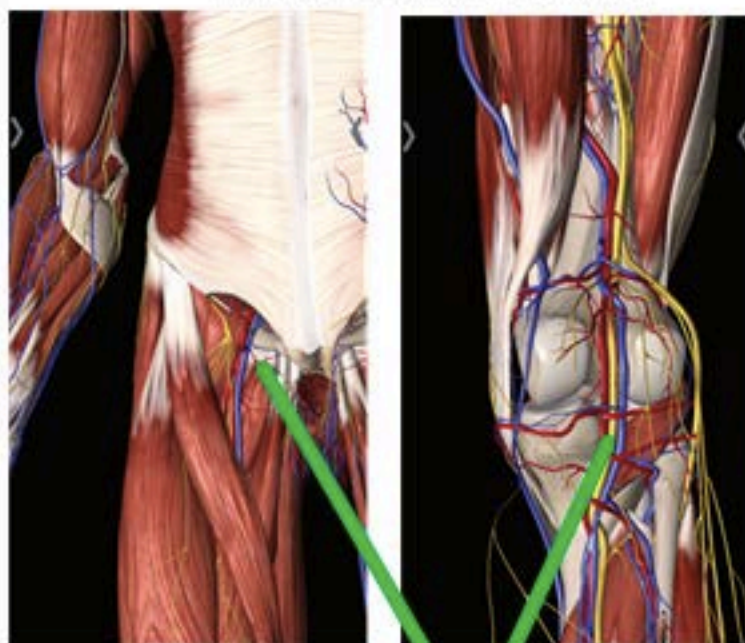
TWO REGION COMPRESSION

FEMORAL REGION:

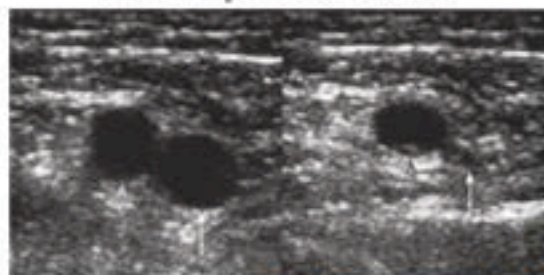
SCAN FROM COMMON FEMORAL, BEGINNING AT THE TAKE OFF OF THE SAPHENOUS VEIN, DOWN THROUGH THE PROXIMAL SUPERFICIAL FEMORAL AND DEEP FEMORAL VEINS.

POPLITEAL REGION:

SCAN FROM THE POPLITEAL VEIN DOWN THROUGH THE TAKE OFF OF THE ANTERIOR TIBIAL VEIN.



Compress at the
Saphenofemoral junction and
the Popliteal fossa



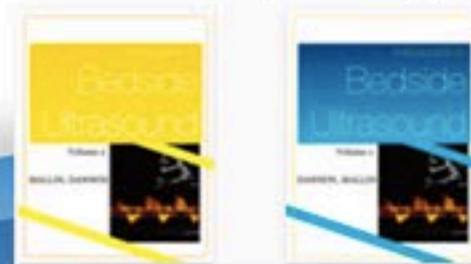
Non Compressed

Compressed (Vein
Disappears)



Study	Number of patients	Diagnosis	Sensitivity	Specificity
Rege et al. Compression ultrasonography of the calf with portable ultrasound (95 patients) compared with venous Doppler ultrasound in the ED	199	Emergency physicians can accurately predict diagnosis or presence of proximal DVT	100	99
Rege et al. Accuracy of compression ultrasonography performed by emergency physicians in the diagnosis of DVT	128	Emergency physicians can rapidly and accurately diagnose proximal DVT in the ED	86	100
Rege et al. Lower extremity Doppler for deep venous thrombosis: can emergency physicians be trained to perform this test?	112	Emergency physicians can perform calf Doppler accurately and rapidly (avg. 10 min. 30 sec)	95*	95*
Thompson et al. Real Time B-Mode ultrasonography of the calf veins: how to best diagnose DVT with compression	156	Emergency physicians can accurately diagnose proximal DVT with compression	99*	99*

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



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