



Ultrasound Training for Combat Casualty Care & Military Force Readiness

Comprehensive Ultrasound
Training Ecosystem



See the Ecosystem in Action

Military Force Readiness

Leverage Ultrasound for Key Military Force Care Applications



Hand-carried ultrasonography has become an integral part of the Military Health System (MHS), both in combat casualty care (CCC) during deployment and in the delivery of care to the beneficiaries of the TriCare system.

It has key applications in the care of wounded warriors from in-theatre point-of-injury through return to the continental United States.

The many barriers to successfully getting learners to competency through traditional training methods tend to limit widespread adoption of ultrasound within both military and civilian health systems. Barriers include:



Limited Ultrasound-Trained Faculty



Inconsistent Access to Pathology



Lack of Ultrasound Machines



No Performance Assessment Resources



Restricted Time Within Existing Curriculum



Funding

Developed under a DoD SBIR contract, SonoSim has revolutionized ultrasound education with an innovative approach that addresses the historical barriers.



Comprehensive Ultrasound Training Ecosystem

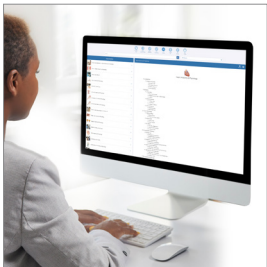
Supports Bedside Clinical Scanning



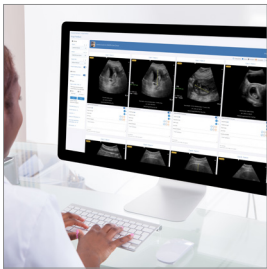
Case-based learning & reference tools advance training on-the-go



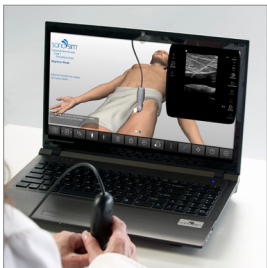
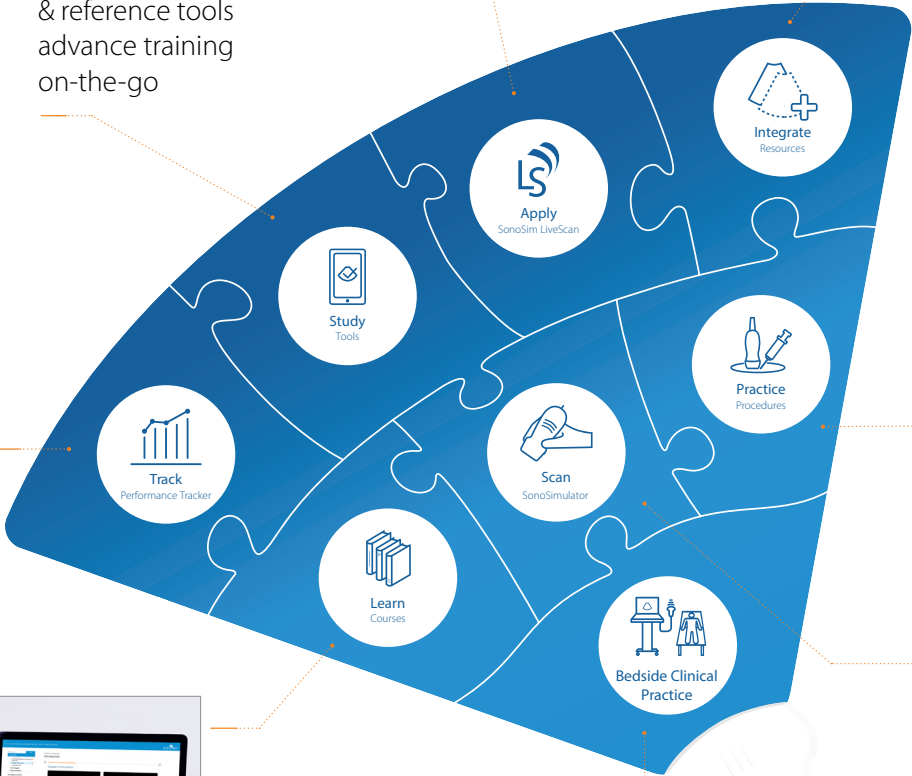
Apply U/S knowledge in medical decision-making



Integrate ultrasound into curricula



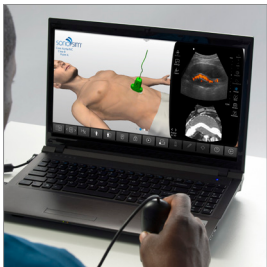
Streamline performance tracking & image review



U/S-guided procedure training with real-time feedback



On-demand access to world-class ultrasound educators



Provide unlimited scanning of real patient pathology

Bedside Clinical Practice
SonoSim complements bedside learning & accelerates the path to ultrasound competency

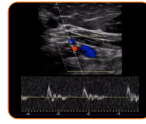
Train & Evaluate Critical Ultrasound Skills

Real Pathological Scanning Cases with a Variety of Pathophysiologic States



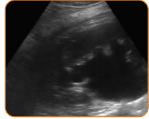
ABDOMINAL AORTA

- AAA Identification
- Hypo- & Hypervolemic IVCs



PHYSICS & INSTRUMENTATION

- Imaging Artifacts
- Imaging Modes
- Doppler Modes
- U/S System Operation
- Transducer Basics



BILIARY TRACT

- Gallbladder Evaluation
- CBD Evaluation
- Cholelithiasis
- Cholecystitis



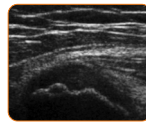
PROCEDURAL GUIDANCE

- Central & Peripheral Vascular Access
- Pericardiocentesis, Paracentesis, & Thoracentesis
- MSK Shoulder Injections
- MSK Ankle Injections



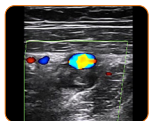
BOWEL

- Appendicitis
- Small Bowel Obstruction
- Pathological Gas
- Intussusception
- Normal GI Tract



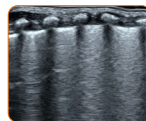
SOFT TISSUE & MSK

- Normal Joint & Structure Exams
- Fractures
- Abscesses & Hematoma
- Joint Effusion



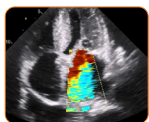
DEEP VEIN THROMBOSIS

- POCUS DVT Exam Protocol
- DVT Identification & Management
- Common Femoral, Femoral, Deep Femoral, & Popliteal Thrombi



THORACIC - AIRWAY

- Pneumothorax
- Pleural Effusion
- Alveolar Interstitial Syndromes
- Endotracheal Tube Localization & Confirmation
- Pediatric Lung



ECHO & HD ASSESSMENT

- Fundamental Cardiac Views
- EF Qualitative Measurements
- Pericardial Effusions & Cardiac Tamponade
- Valvular Regurgitation & Stenosis
- LVAD Echocardiography
- Resuscitative TEE



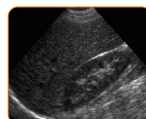
TRAUMA

- FAST, eFAST, & RUSH Exams
- Abdominal Free Fluid
- Pneumothorax & Hemothorax
- Pleural Effusion
- Pericardial Effusion



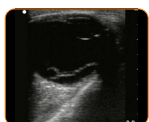
FIRST TRIMESTER PREGNANCY

- Transabdominal
- Transvaginal
- Detecting Pregnancy Failure
- OB/GYN Pathologic Conditions



URINARY TRACT

- Mild, Moderate, & Severe Hydronephrosis
- Renal Calculi
- Bladder Volume Measurements
- Normal Bladder & Renal Scans



OCULAR

- Ocular Trauma
- Vitreous Hemorrhage & Detachment
- Retinal Detachment
- Optic Nerve & ICP Evaluation

Supporting Ultrasound Training with Military & VA Partners



1. Naval Medical Center, San Diego, CA
 2. Naval Expeditionary Medical Training Institute, Los Angeles, CA
 3. Cal Vet Redding, Sacramento, CA
 4. Madigan Army Medical Center, Tacoma, WA
- Emergency Medicine, Family Medicine, & Sim Center
 5. Air Force Academy, Colorado Springs, CO
 6. BMK Ventures / MEDDAC FT CARSON, Fort Carson, CO
 7. Cannon Air Force Base, Curry County, NM
 8. VA Black Hills Healthcare System, Fort Meade, SD
 9. VA Black Hills Healthcare System, Hot Springs, SD
 10. Royal C Johnson Veterans Memorial Medical Center, Sioux Falls, SD
 11. VA Medical Center, Omaha, NE
 12. Army-Baylor University, Waco, TX
 13. Central Texas VA Healthcare System, Temple, TX
 14. Harry S Truman Memorial Veterans Hospital, Austin, TX
 15. VA Healthcare System, Saint Cloud, MN
 16. 934th Air Mobility Command, Minneapolis, MN
 17. VA Health System, Minneapolis, MN
 18. VA Healthcare System, Des Moines, IA
 19. VA Healthcare System, Iowa City, IA
 20. Kansas City VA Medical Center, Kansas City, MO
 21. C-STARS, St. Louis, MO
 22. Scott AFB Family Medicine, Scott AFB, IL
 23. Louis Stokes Cleveland VA Medical Center, Cleveland, OH
 24. USAF School of Aerospace Medicine, Wright-Patterson AFB, OH
 25. C-STARS, Cincinnati, OH
 26. VA Medical Center, Syracuse, NY
 27. Wilkes - Barre VA Medical Center, Wilkes-Barre, PA
 28. C-STARS, Baltimore, MD
 29. Defense Logistics Agency (DLA Troop Support), Fort Belvoir, VA
 30. Naval Medical Center, Portsmouth, VA
- Emergency Medicine, Internal Medicine, OB/GYN, Anesthesiology, Critical Care, & Sim Center
 31. McGuire VA Medical Center, Richmond, VA
 32. Womack Army Medical Center, Fort Bragg, NC
- Family Medicine & OB/GYN
 33. VA Medical Center, Asheville, NC
 34. Dwight David Eisenhower Army Medical Center, Fort Gordon, GA
- Family Medicine & Internal Medicine
 35. 1st Special Operations Medical Group, Hurlburt Field, FL
 36. HQ AFSOC SG/SGR Medical Modernization, Hurlburt Field, FL
 37. AFE/TSU, Simulation Center, Eglin AFB, FL
 38. James A. Haley Veterans Hospital, Tampa, FL
 39. Bruce W. Carter VA Medical Center, Miami, FL
 40. Tripler Army Medical Center, Tripler AMC, HI
- Outside United States**
41. U.S. Naval Hospital, Naples, Italy
 42. U.S. Naval Hospital, Guam

Join SonoSim



1,650+
Institutions



160+
DMS Programs



80+
Medical Topics



1,000+
Scanning Cases



120,000+
Members



40+
Global Distributors



275+
CME Credit Hours*

Purchase Information

1. Email government@sonosim.com
2. SonoSim Inc. is Manufacturer and Sole Source Distributor within the USA
3. SonoSim solutions are listed on government purchasing sites:
 - Medical Electronic Catalog (DLA ECAT: SPE2DH-15-D-0017)
 - GSA Advantage (Contract number: GS-02F-195AA)
4. Military and Civilian References are available upon request



The Easiest Way to Learn & Teach Ultrasonography™

**Approved for AMA PRA Category 1 Credits™*