



Hands-On Scanning

Virtual Patients. Real Pathology.
On-Demand Access. Anytime. Anywhere.

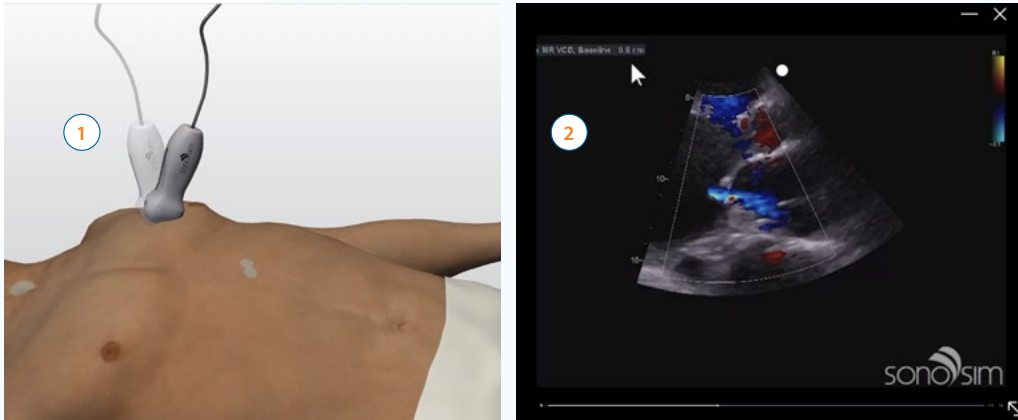


See the Ecosystem in Action

Develop Image Acquisition & Interpretation Skills

A Critical Step Toward Ultrasound Competency

The **patented SonoSimulator®** is proven effective in developing ultrasound image acquisition & interpretation skills through access to real pathologic scanning cases. Learners get exposure to anatomy and pathology that can take many years to encounter in medical practice.



An on-screen **probe guide**¹ and **virtual tutor**²
approximate time with an ultrasound expert in real life.

The SonoSimulator can be loaded on any laptop, providing learners the ability to:

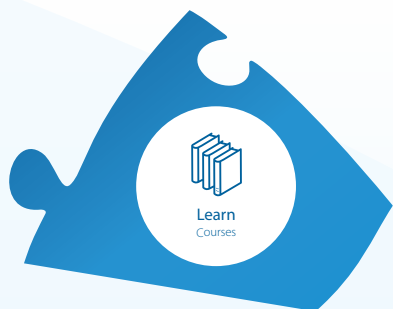
- ✓ Develop ultrasound scanning image acquisition and interpretation skills
- ✓ Get exposure to real pathologic scanning cases
- ✓ Practice anytime with an on-screen guide & virtual tutor



Flexible Learning Pathways

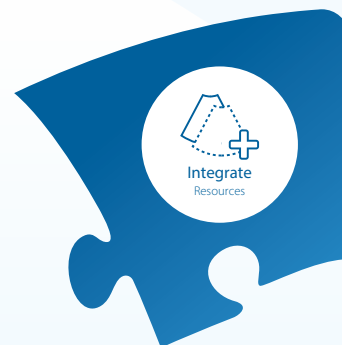
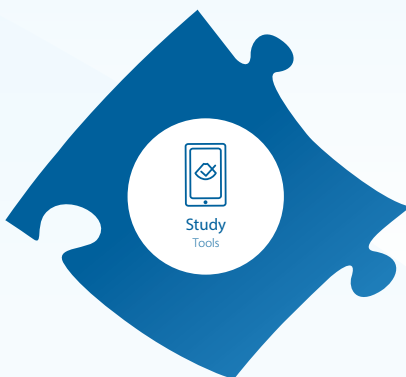
A Customizable Ecosystem for Every Program

The ground-up design of the SonoSim Ecosystem allows programs to develop **custom learning pathways for every objective**. Leverage the full ecosystem to support the SonoSimulator scanning experience



80+ Ultrasound Courses that culminate with scanning practice in the SonoSimulator.

A growing library of Challenge Cases enable learners to continually scan new pathologies & acquire new skills.

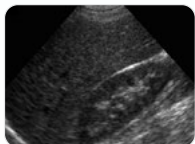


Access scanning assignments to teach imaging protocols published by professional society guidelines, including AIUM, CAAHEP, ACEP, and more.

Scan Real Pathologic Cases On-Demand

Access an Expansive & Continuously Growing Case Library

Thousands of scanning opportunities. Select Examples Include:



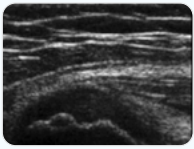
Abdomen

- Appendicitis
- Cholecystitis
- Cystic Duct Stone
- Distended Gallbladder
- Gastric Mass
- Hepatosteatorosis
- Renal & Liver Cysts
- Small Bowel Obstruction



Cardiac

- Aortic Dissection Flap
- Cardiac Tamponade
- Collapsed IVC
- Dilated Cardiomyopathy
- Dilated IVC
- Hyperdynamic Heart
- Increased Ejection Fraction
- Pleural Effusion



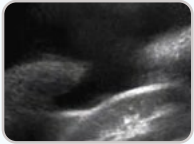
Musculoskeletal

- Enlarged Lymph Nodes
- Femur Fracture
- Lymphoma
- Multiple Myeloma Lesion
- Plantar Fasciitis
- Shoulder Dislocation
- Tibial Fracture



Pediatrics

- Air Bronchograms
- Coalescent B-Lines
- Effacement of Ventricle
- Hydrocephalus
- Intraventricular Hemorrhage
- Knee Effusion
- Lung Hepatization



PoCUS Protocols

- Abdominal Aortic Aneurysm (AAA)
- Deep Vein Thrombosis (DVT)
- Gastroenteritis
- Hemothorax
- Penetrating Trauma
- Pericardial Effusion
- Pneumonia
- Tension Pneumothorax



OB/GYN

- Adenexal Masses
- Choroid Plexus Cysts
- Cystic Hygroma
- Endometrial Calcification
- Hypertelorism
- Misplaced IUD
- Ovarian Cysts
- Suspected Ectopic Pregnancy



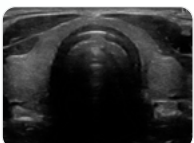
Genitourinary

- Bladder Diverticulum
- Dilated Renal Pelvis
- Epididymal Cyst
- Hydronephrosis
- Nephrocalcinosis
- Nephroureteral Stent
- Renal Cysts
- Renal Transplant



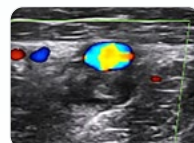
Ocular

- Dilated Optic Nerve Sheath Diameter
- Elevated Optic Disk
- Foreign Body in Globe
- Hemorrhage in Posterior Segment
- Hyperechoic Debris
- Pseudopapilledema
- Retinal Detachment
- Vitreous Detachment



Head & Neck

- Endotracheal Tube Visualization
- Epiglottitis
- Hyoid Bone
- Lingual Septum
- Right-Sided Esophagus
- Thyroid Nodules
- Tracheal Rings
- Vocal Ligaments



Vascular

- Abdominal Aortic Aneurysm with Mural Thrombosis
- Baker's Cyst
- Basilic Vein Thrombosis
- Bilobed Fusiform Abdominal Aortic Aneurysm
- Complete Occlusive Thrombi in Lower Extremity
- Endovascular Graft
- Infrarenal Abdominal Aortic Aneurysm
- Partially Occlusive Popliteal Vein Thrombosis

The SonoSimulator®

Key Scanning Features

A robust simulated environment with real pathologic cases applied to virtual patients, the SonoSimulator is continuously updated & integrates many of the features & functionality of real ultrasound machines.



Select Features



1. Remove Layers

See the ultrasound beam transect underlying anatomy



2. Probe Guide

Virtual probe positioning guidance



3. Findings Videos

Image interpretation assistance from expert instructors



4. Test Mode

Disable virtual tutor features for assessment



5. Probe Compression

Press & hold to simulate compression for structural evaluation



6. Split Screen

Compare with other imaging available (X-ray, CT, MRI, etc.)



7. Calipers

Application-Specific



8. Doppler Modes

M-mode, CFD, PWD, & CWD



9. Freeze, Annotate, Save, & Review images

Data saved in SonoSim Performance Tracker



10. Depth & Gain

Adjust as needed

Join SonoSim



1,650+
Institutions



80+
Medical Topics



1,000+
Scanning Cases



120,000+
Members



40+
Global Distributors



275+
CME Credit Hours*



The Easiest Way to Learn & Teach Ultrasonography™

**Approved for AMA PRA Category 1 Credits™*