



Make Every Hour Count

You can't add clinical hours, but you CAN change what happens inside them.

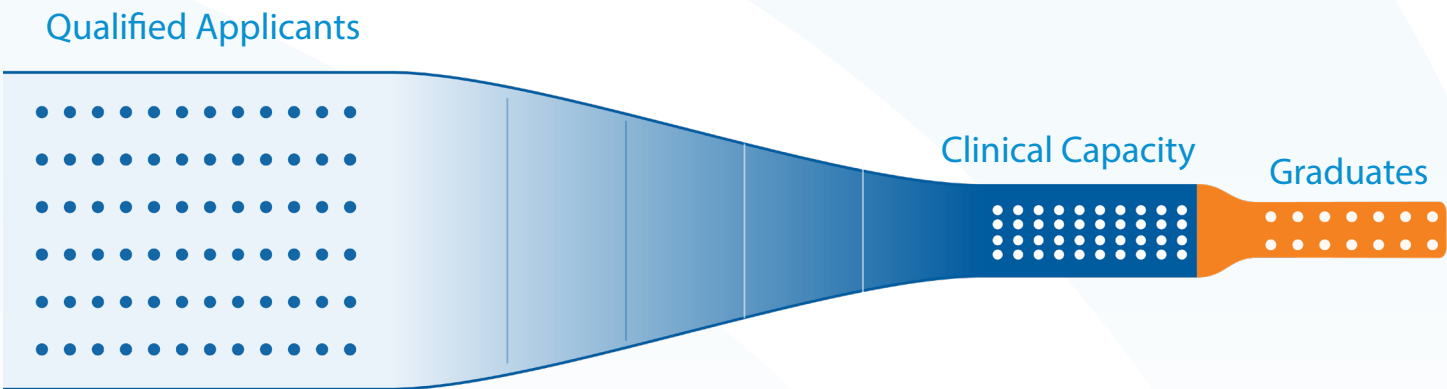


The Easiest Way to Learn & Teach Ultrasonography®

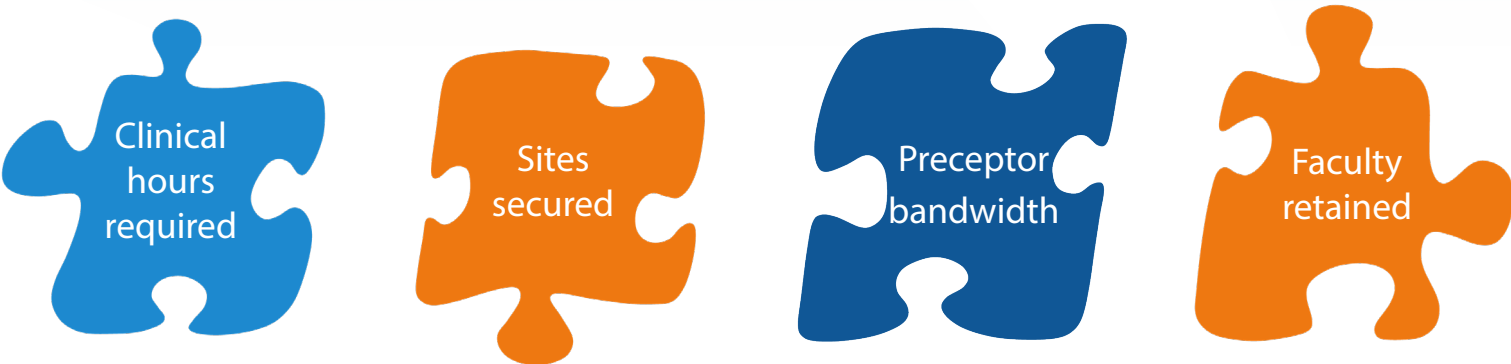
Limitless Potential. Limited Capacity.

Where the Sonography Shortage Actually Starts

If you've ever turned down an application from a student who would have made a good sonographer, you already know where the shortage starts.

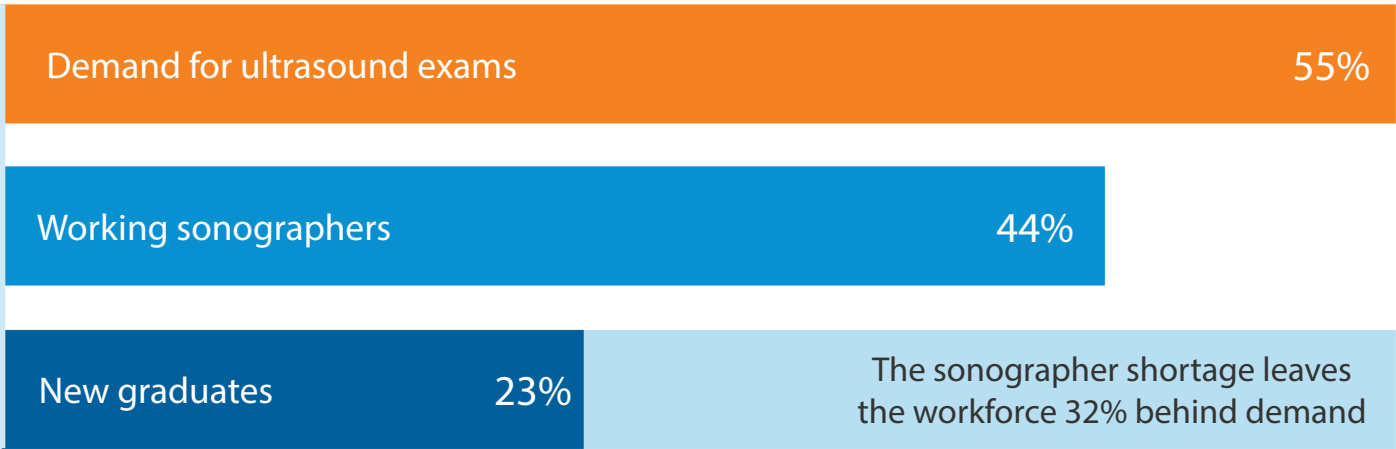


Capacity isn't a number of seats, it's:



Each piece matters. Each has its limit.

Demand for ultrasound exams grew 55%. The supply of sonography graduates grew 23%.



Source: Won D, Walker J, Horowitz R, Bharadwaj S, Carlton E, Gabriel H. Sound the Alarm: The Sonographer Shortage Is Echoing Across Healthcare. J Ultrasound Med. 2024;43(7):1289-1301.

Make Pathology Certain

Two Students. Same Cohort. Same Instruction.

Identical hours in the same program. Only one of them scanned the pathology.

**Student A**
High-volume GYN rotation

Adnexal mass	Ectopic pregnancy	Endometrial
Fibroids, multiple	Hydrosalpinx	Ovarian torsion
Endometrioma	Dermoid cyst	Adenomyosis
Polycystic ovaries	IUD malposition	Molar pregnancy

12 Week Rotation

**Student B**
General rotation

		Fibroids, one case
Simple ovarian cyst		
	Early pregnancy	

12 Week Rotation

One rotates through a high-volume gynecologic practice. One doesn't.

One sees the adnexal mass. The other reads about it.

When exposure depends on chance, two equally capable students leave with very different experiences.

Make Pathology Available on Demand

They arrive having seen it, and ready to jump in.

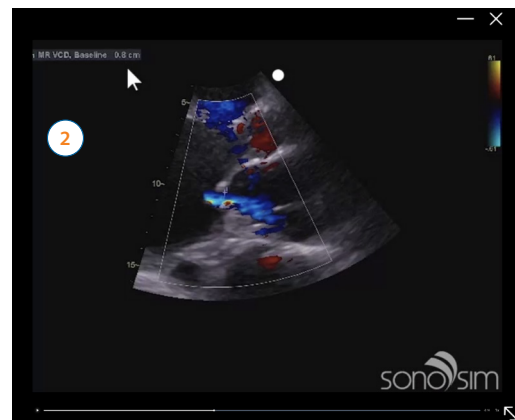
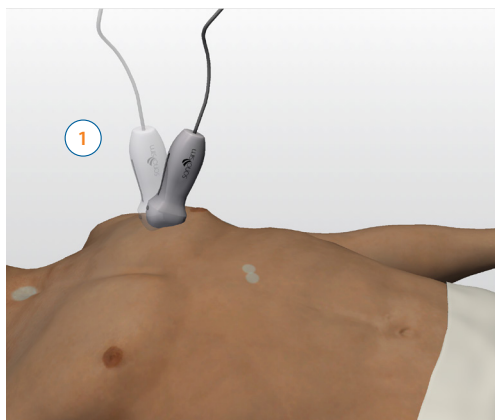
That hour with a preceptor, the scarcest resource in your program goes to the patient in front of them. Findings that can take years to encounter in practice sit on the laptop, ready to scan as many times as it takes. You choose what the cohort scans, so exposure stops depending on which rotation a student drew.



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

- ✓ **Remove Layers** - See the beam transect the anatomy underneath
- ✓ **Findings Videos** - Image interpretation from expert instructors, at the moment of the finding.
- ✓ **Split Screen** - Compare against X-ray, CT, or MRI.
- ✓ **Test Mode** - Turn the tutor off and assess.

An on-screen **probe guide**¹ and **virtual tutor**² narrates what appears on screen. On every case, every time.



Make Hours Go Further

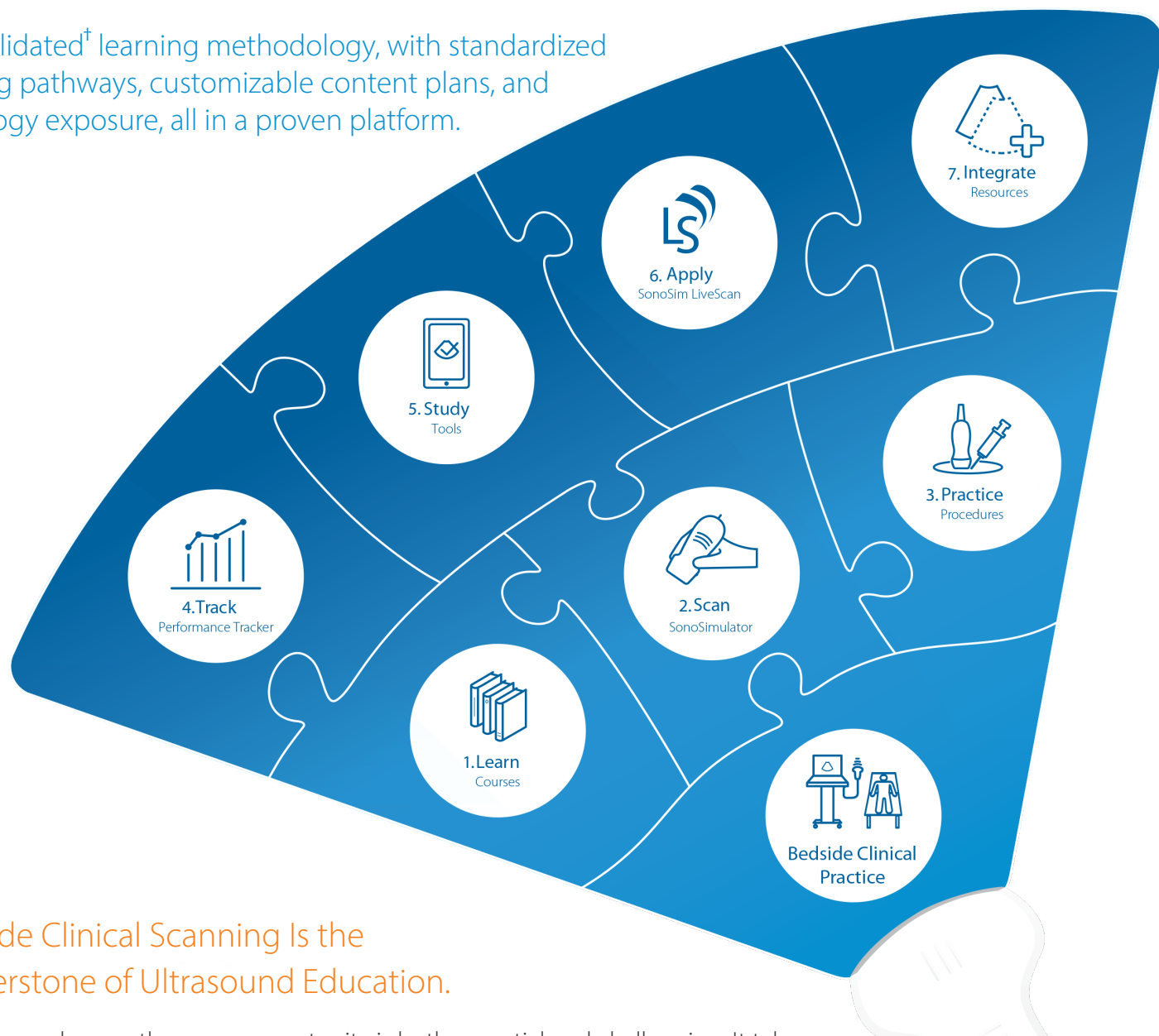
Built to Support Bedside Clinical Practice

Each element of the SonoSim Ecosystem is designed to support bedside clinical practice, not replace it.



The SonoSim content library is more than high-quality didactic courses.

It's a validated[†] learning methodology, with standardized learning pathways, customizable content plans, and pathology exposure, all in a proven platform.



Bedside Clinical Scanning Is the Cornerstone of Ultrasound Education.

Giving every learner the same opportunity is both essential and challenging. It takes:

- **The hours stay the same. The student doesn't** - They arrive having already seen the anatomy, the pathology and the protocol.
- **Exposure stops depending on the site** - Every learner scans the same cases, whether their rotation is busy or quiet.
- **Preceptor time goes to the patient** - Fundamentals are handled before the student reaches the bedside.
- **Faculty get their time back** - Assignments are pre-authored, progress tracks itself, reporting exports.



See the SonoSim
Ecosystem in Action

Make Learning Standardized

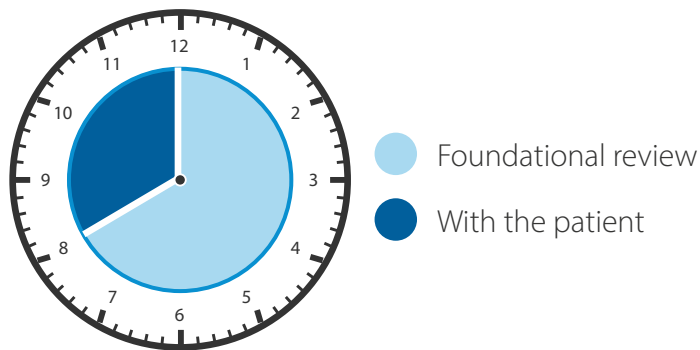
Standardized Training for Every Learner & Every Cohort

Ecosystem	Features	What it does
1. Learn	Courses	Build knowledge prior to lab.
2. Scan	SonoSimulator®	Enable development of the fine motor movements required for image acquisition and image interpretation skills on normal and critically important real pathological cases.
3. Practice	Procedures	Experience the fundamentals of sonography's role in needle-based procedures.
4. Track	Performance Tracker	Track completion, attempts, scores and more.
5. Study	QuestionBank & Test Prep	Support ARDMS exam success, and recall against credentialing requirements before a failed exam.
6. Apply	SonoSim LiveScan®	Add pathology to labs, and teach & assess ultrasound in medical decision-making.
7. Integrate	Resources	Map all of it to your curriculum, CAAHEP and AIUM guidelines.

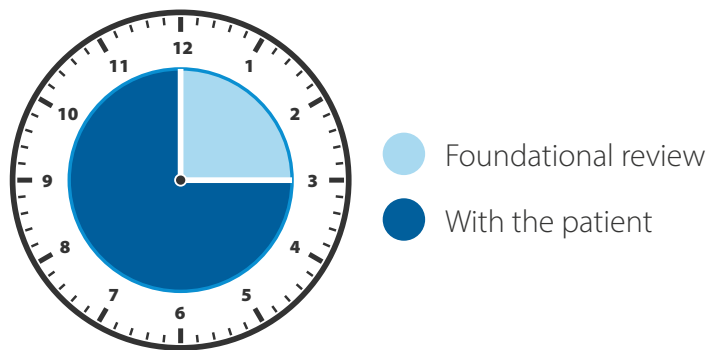
Same Clinical Hours, Different Content

The hour doesn't get longer. It gets better spent.

Without SonoSim*



With SonoSim



SonoSim is not a substitute for clinical practice. CAAHEP Standards distinguish between clinical competencies, which students demonstrate through the performance of sonographic examinations in the clinical setting, and proficiencies for examinations where clinical resources may be limited.

This is where SonoSim can help. The JRC-DMS describes proficiency as a pre-clinical application that helps assure students are prepared for clinical experiences, and allows designated proficiencies to be demonstrated in a simulated laboratory.

Your required clinical experience doesn't change. Students enter it better prepared.

*Representative example. Individual results will vary.

Make Rare into Routine

Bring Your Students Pathology They Can't Get in Lab or Clinical Rotation



- Real acquired patient data; not illustrations, not phantoms
- Practice & repeat unlimited times using any laptop, outside lab hours
- Educators assign cases to a cohort; every learner gets identical exposure
- Virtual tutor and on-screen probe guidance
- Challenge Cases go past the syllabus with complex and rare findings, added on an ongoing basis

Every student in your cohort scans the same library of real cases. **Ones you choose.**

With thousands of scanning opportunities to choose from



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

What's in the Library



1000+
Scanning Cases



4000+
Clips



Thousands of
Imaging Windows



Hundreds of
Pathologies

Make Protocols Real

Repetition & Realism Build Confidence

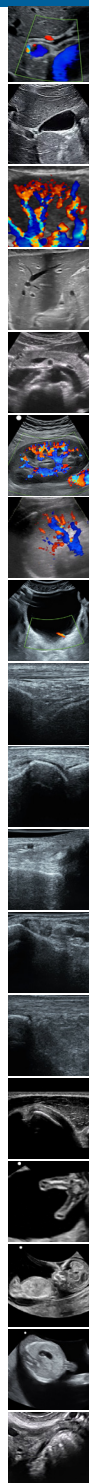
- ✓ Guided step-by-step sequence through the full exam
- ✓ On-screen probe guidance and virtual tutor
- ✓ Acquisition and interpretation practice with feedback at every step
- ✓ Real-world anatomy and pathology variability
- ✓ Mapped to AIUM, ASE and CAAHEP

Protocol tells learners where to place the probe, which windows to acquire, and what to measure.

But when pathology appears, knowing the protocol isn't the same as knowing they've captured everything needed.

That confidence only comes from having seen it before.

34 Available Sonography Scanning Protocols*



Abdomen: Biliary Protocol

Abdomen: Gallbladder Protocol

Abdomen: Kidney Protocol

Abdomen: Liver Protocol

Abdomen: Pancreas Protocol

Abdomen: Renal Transplant Protocol

Abdomen: Spleen Protocol

Genitourinary: Bladder Protocol

Musculoskeletal: Anterior Ankle Protocol

Musculoskeletal: Foot Protocol

Musculoskeletal: Lateral Ankle Protocol

Musculoskeletal: Medial Ankle Protocol

Musculoskeletal: Posterior Ankle Protocol

Musculoskeletal: Shoulder Protocol

OB/GYN: Detailed First Trimester Pregnancy - Biometry Protocol

OB/GYN: Detailed First Trimester Pregnancy - CRL Protocol

OB/GYN: Detailed First Trimester Pregnancy - Fetal Abdomen Protocol

OB/GYN: GYN Adnexa - Fallopian Tubes Protocol



OB/GYN: GYN Adnexa - Ovaries Protocol

OB/GYN: GYN Comprehensive Protocol

OB/GYN: GYN Uterus Protocol

OB/GYN: Standard First Trimester Pregnancy Protocol

Pediatric: Neonatal & Infant Neurosonography Protocol

Vascular: Abdominal Aorta

Vascular: Aortic Iliac Artery Protocol

Vascular: Extracranial Cerebrovascular Protocol

Vascular: IVC Protocol

Vascular: Liver Protocol

Vascular: Lower Extremity Arterial Protocol

Vascular: Lower Extremity Venous Protocol

Vascular: Mesenteric Artery Protocol

Vascular: Renal Artery Protocol

Vascular: Upper Extremity Arterial Protocol

Vascular: Upper Extremity Venous Protocol



Additional Protocols added Regularly*

See all Protocols



sonosim.com/protocols

* Complete list as of 9/2026. New protocols added on a regular basis. Protocols are mapped to AIUM, ASE, CAAHEP, and other relevant professional societal guidelines.

Make Learning Accessible

85+ peer-reviewed modules. Built by leading ultrasound educators.



30+ textbooks

85+ peer-reviewed courses

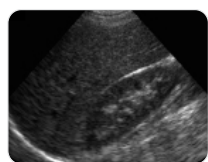
9000+ pages of course content

5000+ ultrasound images

300+ CME credit hours

- ✓ Anytime, any device, unlimited repetition
- ✓ Knowledge Checks and Mastery Tests with built-in feedback
- ✓ Consistent, standardized, measurable across cohorts and campuses
- ✓ Peer-reviewed, CME-eligible

Help Learners Prepare for ARDMS Certification Exams with SonoSim Content



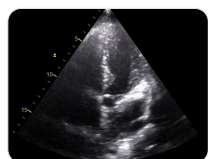
Abdomen (AB) Examination

Adrenal Glands, Aorta/IVC, Biliary Tree, Bladder, GI Tract, Liver, Pancreas, Prostate, Renal, Scrotum, Soft Tissue, Spleen, & Thyroid. DMS Protocols & Challenge Cases* provide additional image acquisition and interpretation training.



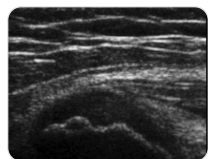
Obstetrics & Gynecology (OB/GYN) Examination

Female Pelvis, OB/GYN, First-Trimester Pregnancy, Second- & Third-Trimester Pregnancy: Part I & II, Six-Step Obstetric Examination, GYN Normal Uterus, GYN Abnormal Uterus: Part I & II, GYN Normal Adnexa, GYN Nonmalignant Adnexal Conditions, & GYN Malignant Adnexal Conditions. DMS Protocols & Challenge Cases* provide additional image acquisition and interpretation training.



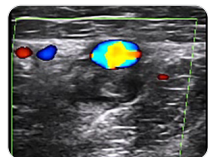
Adult Echocardiography (AE) Examination

Aorta/IVC, Heart, Cardiology: Core Clinical, Introduction to Echocardiography I (Introduction to Doppler and CO, SV, & pRVSP), Introduction to Echocardiography II, Introduction to Echocardiography III (Cardiac Chamber Quantification, LV & RV function, Aorta/IVC), Cardiac Assist Device (see LVAD Problem-Focused Echocardiography), Resuscitative TEE.



Musculoskeletal Sonographer (MSKS) Examination

Introduction to MSK, Ankle, Elbow, Foot, Hand & Finger, Hip, Knee, Knee Procedure, Shoulder, Soft Tissue, Spine, Wrist, Biceps Tendon Sheath Injection, Plantar Intrafascial & Perifascial Injection, Acromioclavicular Joint Injection & Aspiration, Glenohumeral Joint Injection & Aspiration, Metatarsophalangeal Joint Injection & Aspiration, Subacromial-Subdeltoid Bursa Injection & Aspiration, Tibiotalar Joint Injection & Aspiration. DMS Protocols & Challenge Cases* provide additional image acquisition and interpretation training.



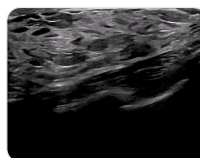
Vascular Technology (VT) Examination

Aorta/IVC, Arm-Arterial, Arm-Venous, Cerebrovascular, Leg-Arterial, Leg-Venous, Lower Extremity DVT, & Vascular Mapping for Preoperative Planning of Dialysis Access. DMS Protocols & Challenge Cases* provide additional image acquisition and interpretation training.



Pediatric Sonography (PS) Examination

Neonatal & Infant Neurosonography, Pediatric Lung Sonography, & Pediatric Cases Across Multiple Ultrasound Applications. DMS Protocols & Challenge Cases* provide additional image acquisition and interpretation training.



Breast (BR) Examination

Introduction to Breast Ultrasound

**Supplemental Challenge Cases are added regularly to enhance learning opportunities.*

Make Preparation Built-In

SPI & Specialty Exams



Test Prep, Exam by Exam

SPI

Sonography Principles & Instrumentation

Available now

1500+

questions

OB/GYN **NEW**

Obstetrics & Gynecology

Available now

1850+

questions

ABDOMEN

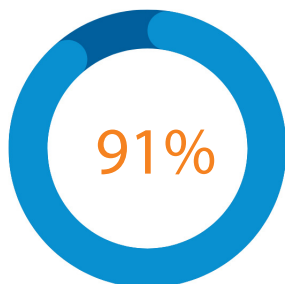
Abdominal Sonography

Expected early 2027

In development

SPI Test Prep

1,500+ peer-reviewed questions with answer explanations. Unlimited randomized, weighted mock exams matching ARDMS structure, built by ultrasound biophysicists and ARDMS-certified sonographers. 250,000+ quizzes and mock exams taken.



Positive Feedback!

91% of learners saw a positive impact on test preparation.

4x¹

Better Passing Odds
on the SPI Exam

¹ User survey data on file

OB/GYN Test Prep **NEW**

A peer-reviewed QuestionBank of 1,850+ questions, with multimedia explainers. Unlimited weighted mock exams mirroring the ARDMS OB/GYN exam, with text-, image-, and video-based questions.

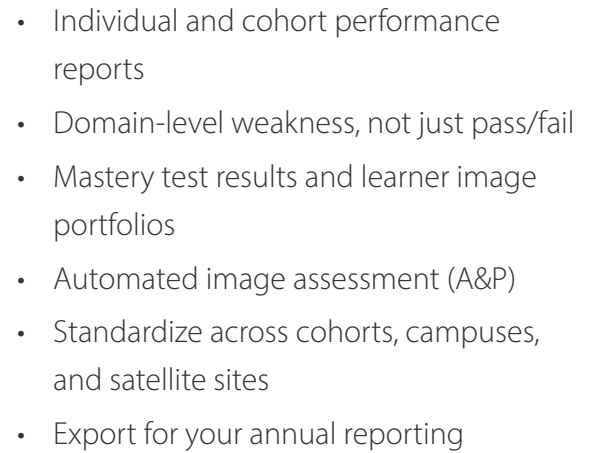
Abdomen Test Prep **Early 2027**

Completing the credential gates multi-concentration programs need

Miss a question? Find out why.

Most question banks end with grading. Ours links the correct answer with multimedia explainers, and students can review and scan areas where they need to improve.

SonoSim's Performance Tracker



Topic	Score	Quizzes Attempted	Overall Average
Foundations Prep	80 / 93	2/4 quizzes attempted	87% overall average
Perform Ultrasound Examinations	36 / 60	2/21 quizzes attempted	48% overall average
Manage Ultrasound Transducers	22 / 90	2/5 quizzes attempted	56% overall average
Optimize Sonographic Images	80 / 86	2/21 quizzes attempted	83% overall average
Apply Doppler Concepts	60 / 90	2/15 quizzes attempted	75% overall average



Six-Step Obstetric Examination: Core Clinical

Course Progress Status				Mastery Test Status				SonoSimulator®		
COURSE STATUS ⓘ	TIME IN COURSE	DATE STARTED	DATE COMPLETED	TEST STATUS ⓘ	ALL TEST SCORES	DATE ATTEMPTED	TEST ATTEMPTS	SAVED IMAGES	REQUIRED IMAGES ⓘ	IMAGES WITH FEEDBACK
N/A	N/A	Out of Date Range	Out of Date Range	Not Attempted	N/A	N/A	0	4	43	0

● Optimal
 ● Suboptimal
 ● Non-Diagnostic
 ● No Grade

Test Mode



11.3

Case 1 | Suprapubic

☐ Test

☞ Transverse

Saved Aug 6, 2026, 7:22 AM PDT

Test Mode



11.3

Case 1 | Suprapubic

☐ Breech

☞ Transverse

Saved Aug 6, 2026, 8:36 AM PDT

Test Mode



HC

D1 = 7.36 cm

D2 = 8.09 cm

C = 24.27 cm

Age = 26w2d

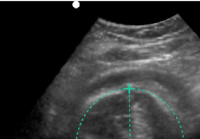
15.8

Case 2 | Suprapubic

☞ Transverse

Saved Aug 6, 2026, 7:25 AM PDT

Test Mode



HC

D1 = 6.88 cm

D2 = 4.98 cm

C = 17.07 cm

Age = 19w5d

12.2

Case 5 | Suprapubic

☞ Transverse

Saved Aug 6, 2026, 8:39 AM PDT

Make Every Requirement Traceable

Every Saved Image, Graded and on the Record



- ✓ Automatically grades saved images against optimal views defined by expert sonographers*
- ✓ Saves instructor time and reduces subjectivity
- ✓ Assesses hundreds of learners at once

*Currently available for SonoSim A&P Modules.



SonoSim Maps Every Requirement to Specific Content

Excerpt from the CAAHEP Checklist

Curriculum Requirements	SonoSim Courses & Lessons	Relevant SonoSimulator Cases
Demonstrate the ability to perform sonographic examinations of the below regions/structures according to protocol guidelines established by national professional organizations utilizing real-time equipment with both transabdominal and endocavitary transducers, and Doppler display modes:		
Abdomen	Adrenal Glands, Aorta/IVC, Biliary Tree, GI Tract, Liver, Pancreas, Renal, and Spleen Anatomy & Physiology: All Lessons Intestinal/Biliary & Renal Core Clinical: All Lessons	Adrenal Glands, Aorta/IVC, Biliary Tree, GI Tract, Liver, Pancreas, Renal, and Spleen Anatomy & Physiology Cases Intestinal/Biliary & Renal Core Clinical Cases Abdomen & Genitourinary Challenge Cases DMS Abdominal Aorta, Liver Abdomen, Liver Vascular, Mesenteric Artery, and Renal Artery Protocol Cases
Superficial structures	Introduction to MSK, Ankle, Elbow, Foot, Hand & Finger, Hip, Knee, Shoulder, Wrist, Soft Tissue, Scrotum, and Thyroid Anatomy & Physiology: All Lessons Musculoskeletal & Soft Tissue Core Clinical: All Lessons	Introduction to MSK, Ankle, Elbow, Foot, Hand & Finger, Hip, Knee, Shoulder, Wrist, Soft Tissue, Scrotum, and Thyroid Anatomy & Physiology Cases Musculoskeletal & Soft Tissue Core Clinical Cases Musculoskeletal Challenge Cases All DMS Ankle Protocol Cases DMS Foot Protocol Cases
Noncardiac chest	Breast and Lungs Anatomy & Physiology: All Lessons Pulmonary Core Clinical: All Lessons Advanced Pediatric Lung Sonography: All Lessons	Breast and Lungs Anatomy & Physiology Cases Pulmonary Core Clinical Cases Advanced Pediatric Lung Sonography Cases
Gravid pelvis	Six-Step Obstetric Examination: All Lessons First-Trimester Pregnancy: All Lessons Second- & Third-Trimester Pregnancy – Part I & II: All Lessons OB/GYN Core Clinical: All Lessons	OB/GYN Core Clinical Cases Six-Step Obstetric Examination Cases First-Trimester Pregnancy Cases Second- & Third-Trimester Pregnancy – Part I & II Cases OB Challenge Cases SonoSim LiveScan® Early Stage Pregnancy, Late Stage Pregnancy, and Six-Step Obstetric Examination Cases DMS Detailed First-Trimester Protocol Cases [Coming Soon] DMS Standard First-Trimester Protocol Cases
Nongravid pelvis	Bladder, Female Pelvis, and Prostate Anatomy & Physiology: All Lessons Bladder & OB/GYN Core Clinical: All Lessons OB/GYN Core Clinical: All Lessons GYN Normal Uterus, Abnormal Uterus – Part I & II, Normal Adnexa, and	All DMS GYN Protocol Cases Bladder, Female Pelvis, and Prostate Anatomy & Physiology Cases OB/GYN Core Clinical Cases Genitourinary Challenge Cases

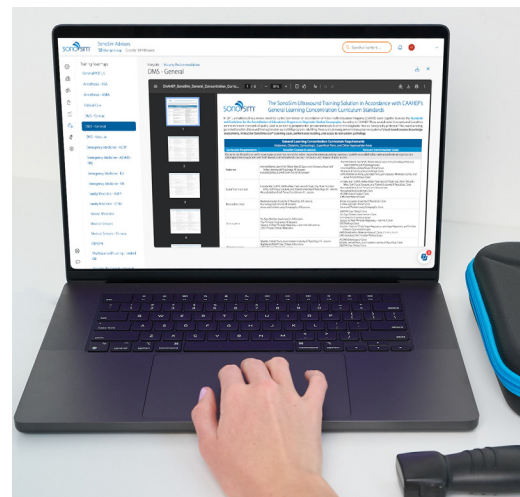
Make Assignments Easy

Available Now

- Every CAAHEP concentration requirement mapped to the SonoSim content
- Pre-authored scanning assignments, ready to assign
- Self-paced in-platform onboarding, plus a person when you want one

Arriving Early 2027

- Graded assignment structures arriving early next year
- In-platform assignments arriving early next year



Join SonoSim



2300+

Institutions



260+

Sonography
Programs



85+

Modules



1000+

Scanning Cases



200,000+

Learners



100+

Global Presence



300+

CME Credit Hours*

www.sonosim.com/sonography



The Easiest Way to Learn & Teach Ultrasonography

What Clients Are Saying...

"...One of the major benefits [we provide] to our students is the SonoSim platform. Not only is it exceptionally educational, it makes the learning of ultrasound fundamentals, anatomy and scan techniques fun! And the more time they have to practice scanning, the better they become. Having SonoSim has definitely set us apart."

Jennifer White, Owner and Founder
Cardinal Tech Institute of Allied Health, Crown Point, Indiana

"The image is just as accurate as you would see in the clinic, so you can identify normal anatomy really easily. Students can get used to identifying it and moving their hand to find it..."

Hannah Kelly
Clinical Coordinator, University of Iowa DMS

1. Approved for AMA PRA Category 1 Credits™

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