



Simbionix Ultrasound Mentor®



Modular, Cross-Specialty Simulation Platforms

The Symbionix Ultrasound Mentor enables easy rotation of the simulator's mannequin, conforming with the preferred training module. Each mannequin model features realistic accurate landmarks that assist in probe positioning. A variety of commonly used probes are provided with the system. The probe can be seamlessly changed enabling a different approach. Desktop and cart-based configurations offer portable and ergonomic solutions.



Ultrasound Mentor Male

Provides basic to advanced practice for multiple specialties and enables alternating the scanning approaches: transthoracic, transabdominal, transesophageal etc.



Ultrasound Mentor Female

Enables practice of a variety of basic to advanced OB/GYN training modules via transabdominal or transvaginal scanning approaches. 2nd trimester belly can be added for advanced pregnancy training.



Ultrasound Mentor Pediatric

Enables practice of a growing library of pediatric ultrasound modules: Abdominal, eFAST, Bedside Echo, Advanced Echo and Lung (more available soon).

Facilitates scanning in lying or sitting positions.

The Simbionix Ultrasound Mentor is the optimal hands-on training solution for ultrasonography, designed to improve patient care by accelerating the trainee's learning curve and promoting diagnostic competence.



Interventional Ultrasound

Enables the practice of an endless number of ultrasound-guided interventions using an actual needle/syringe.

Each module comes with a dedicated anatomy snap-in cartridge, featuring palpable landmarks.

*The interventional modules are also available on Simbionix PERC Mentor Suite simulator.



TEE Express

An easy to use, portable solution for practicing TEE (Transesophageal Echocardiography) examinations.

Packed in a carry-on case, the system features an actual modified TEE probe introduced through a mouth shaped opening.

Includes self-guided TEE scanning protocols for 3 specialties.



VR Add-On

A VR station with goggles and a designated probe, provides an engaging and immersive learning experience and facilitates the understanding of probe position and orientation.

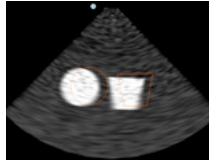
Compatible with specific training modules.

Ultrasound Mentor Modules

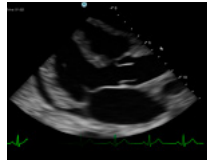
Modules and clinical cases are continuously developed in collaboration with medical experts to serve the growing demand for ultrasound training in various clinical specialties.



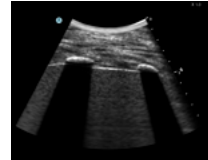
Male



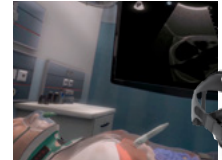
SONOGRAPHY BASIC SKILLS



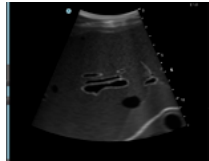
BEDSIDE ECHOCARDIOGRAPHY



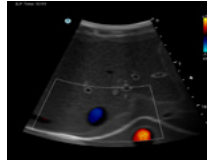
eFAST AND RUSH



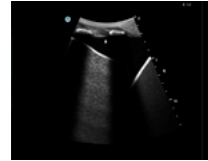
EFAST AND RUSH VR



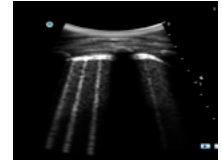
ABDOMINAL



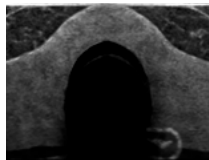
ADVANCED ABDOMINAL



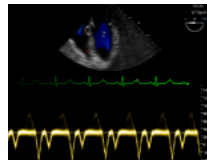
LUNG



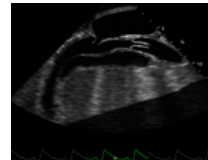
COVID-19



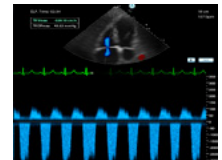
NECK



TEE



TEE EMERGENCY



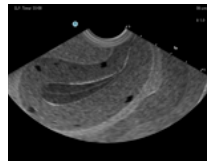
ADVANCED ECHO



Female



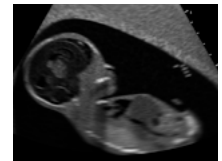
SONOGRAPHY BASIC SKILLS



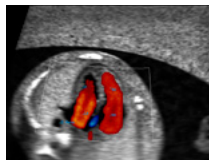
BASIC GYN



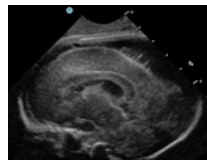
OBSTETRICS 1ST TRIMESTER



OBSTETRICS 2ND TRIMESTER



FETAL ECHO



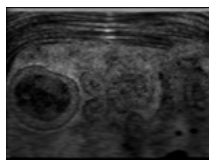
FETAL NEUROSONOGRAPHY



OBSTETRICS 2ND TRIMESTER VR



Pediatric - NEW



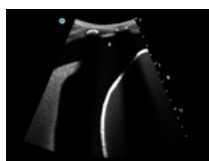
PEDIATRIC ABDOMINAL



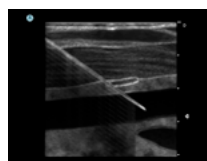
PEDIATRIC eFAST



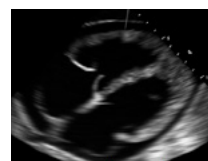
Interventional Ultrasound



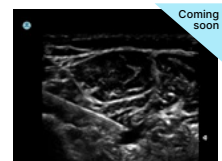
THORACENTESIS



CENTRAL LINE



PERICARDIOCENTESIS



NERVE BLOCK

Coming soon

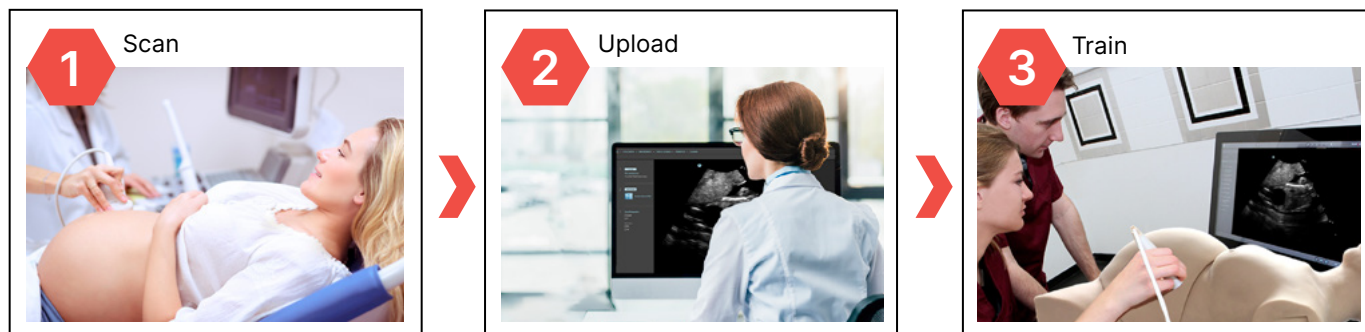
An Ultrasound Training Solution Across Medical Specialties

The Symbionix Ultrasound Mentor is a high-fidelity simulator used for ultrasound examination and intervention training. This state-of-the-art system provides students, residents, fellows and practicing physicians the optimal solution for acquiring, practicing and improving their sonography skills on a wide variety of patient anatomies and pathologies.

Key Benefits

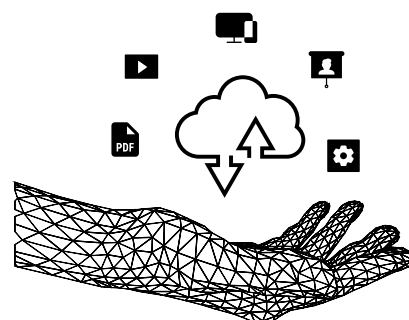
- A modular platform that facilitates easy mannequin rotation, allowing it to be used for multiple specialties.
- A complete didactic environment with 3D anatomical map, anatomical landmarks, step-by-step scan protocols and more.
- Saves senior faculty precious time by allowing self-learning.
- Accelerates the development of technical and cognitive skills, matching varied levels of experience.
- Enables proficiency-based training and performance tracking: complete performance report includes captured images comparison to gold standard.
- Provides a realistic experience with complex ultrasound image: presents common ultrasound attributes and artifacts.
- Includes realistic anatomies, physiology and pathologies: a diverse range of normal to abnormal scenarios with realistic images.
- Imitates advanced diagnostic tools: Doppler modes, M-mode, numerous measurements and auto-calculations.

My Case



MentorLearn Cloud

Ask how the MentorLearn Cloud simulator curricula management system can support your Symbionix simulator. MentorLearn's many capabilities include remote simulator administration, online learning, anywhere results monitoring, proficiency based hands-on training, as well as simulation video capture that is ideal for debriefing.





"Working with the Ultrasound Mentor helps shorten our students' learning curve, both in terms of their scanning capabilities and improved clinical reasoning. Learning new scanning protocols in a scaled, self-directed manner is also quite useful, especially when considering the patient discomfort, intimate nature of endovaginal sonography and limited faculty spare time."

Sanja Kupesic Plavsic, MD, PhD

Associate Academic Dean for Faculty Development
Professor of Obstetrics and Gynecology
Director of Center for Advanced Teaching and
Assessment in Clinical Simulation (ATACS)
Paul L. Foster School of Medicine Texas Tech University



"We have used the Ultrasound Mentor extensively, and I recommend it very strongly to train fellows in cardiology and cardiac anesthesiology to improve their TEE skills and practice performing comprehensive TEE procedures. The training modules allow for incremental levels of comfort and expertise in being able to acquire the optimal images for accurate diagnosis. This simulator can also be used during CME courses under the guidance of an expert, to assess skill levels and suggest interventions to improve the quality and timeliness of performing comprehensive examinations."

Jyothy Puthumana, MD, FACC

Associate Professor of Medicine (Cardiology)
Feinberg School of Medicine, Northwestern University



"I am very pleased with the Simbionix Ultrasound Mentor and find it integral in my teaching. I purchased the cardiac package to overcome a major gap that students have from knowing little to nothing about adult echocardiography to learning and understanding the anatomy of the heart. My high expectations for its implementation were exceeded as my students independently take extra time to use the simulator."

Scott Cutler BS, RDCS, RVT, RDMS

Director of Echocardiography (NCT)
Spokane Community College

surgicalscience | Simbionix Simulators

Drakegatan 7 A | 412 50 Göteborg, Sweden | Tel +46 31 741 65 60
www.surgicalscience.com

Request a demo or more information at info@surgicalscience.com

