

Designed to improve patient care by accelerating the trainee's learning curve and promoting diagnostic competence



Simulator Features

- Elegant portable platform for quick and easy setup
- Step-by-step tasks for self-learning of scanning protocols
- True-to-life anatomies, physiology and pathologies
- Severity customization for altering the diagnostic difficulty per the performer experience level
- Image controls and diagnostic tools freely available in all patient cases
- Power, color and spectral Doppler modes
- Procedure-restricted mode for unaided performance
- Documentation and clinical findings report to enhance diagnostic sensibilities
- Meaningful performance metrics for self-assessment and competence assessment

MentorLearn Simulator Curricula Management System

The Simbionix multidisciplinary simulators effortlessly integrate into your program curriculum.

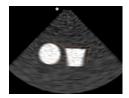


- Customizable curriculum incorporating training and didactics
- Easy and efficient administration of simulator users
- Online learning courses and video-based content
- Proficiency based hands-on training
- Performance reports with learning curve graphs

The U/S Mentor[™] is a highly realistic simulator that provides the optimal cross-specialty hands-on training solution for ultrasonography in an enhanced educational environment.

Library of 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.



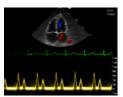
Sonography Basic Skills

Develops psychomotor skills and basic sonography capabilities. Tasks focus on hand-eye coordination and ultrasound image control (knobology).



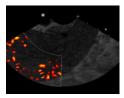
Bedside Echocardiography

Learners practice point of care standard views acquisition, abnormalities diagnosis, hemodynamic assessment, documentation and clinical reporting.



Advanced Echo

Comprehensive echocardiographic evaluation including standard views acquisition, hemodynamic assessment and diagnosis of of varying abnormalities.



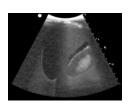
Basic GYN – Transvaginal

Covers standard views acquisition, measurements, documentation and clinical findings diagnosis of normal, pathological and emergency cases.



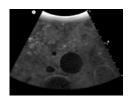
Obstetrics 1st Trimester

Normal fetus scanning and abnormalities diagnosis. Includes measurements and assessment of the fetal anatomy using trasabdominal and transvaginal probes.



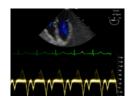
eFAST

Trauma scenarios with customizable findings severity. Findings include free fluid in the upper abdomen, lower abdomen or thorax, and pneumothorax.

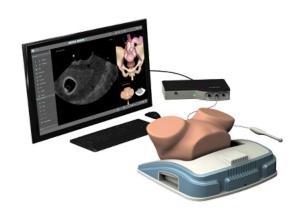


Abdominal

Trainees assess adult and pediatric virtual patients with pathologies such as abdominal aortic aneurism, liver mass and renal / gallbladder abnormalities.



Allows acquisition of the skills to safely and effectively perform the Transesophageal Echocardiography evaluation with a TEE probe.





Simbionix - To Advance Clinical Performance

Simbionix is a part of 3D Systems, a leading provider of 3D printing centric design-to-manufacturing solutions including 3D printers, print materials and cloud sourced on-demand custom parts for professionals and consumers alike in materials including plastics, metals, ceramics and edibles.

Simbionix products provide a complete solution for training simulation programs with its full array of simulators, PROcedure Rehearsal Studio™ for case rehearsal and MentorLearn™ for simulator management. We are committed to the advancement of clinical performance and optimization of procedural outcomes through education and collaboration.

Our team cooperates with physicians on a regular basis to produce the most reliable and effective solutions for its customers.



Simbionix Products Locations

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