

Simbionix™ Medical Training Simulators





LAP Mentor™

Evidence based, haptic laparoscopic simulator with the most comprehensive multidisciplinary training curriculum for learners of all levels.

Optional Virtual OR allows for an unmatched true-to-life immersive experience.

LAP Mentor Express

The portable, easy-to-use unit provides an excellent non-haptic, cost effective laparoscopic training solution.



RobotiX Mentor™

Surgeons of all expertise levels across diverse medical specialties have an opportunity to efficiently practice the required robotic skills within a comprehensive multidisciplinary training curriculum from basic skills and suturing to complete VR clinical procedures.

TEAM TRAINING

The RobotiX Mentor combined with the LAP Mentor Express allows the surgical assistant to collaborate with the robotic surgeon in order to improve communication skills and synchronization within the team.



PELVIC Mentor™

Designed to allow clinicians the ability to obtain detailed hands-on knowledge of pelvic anatomy and to acquire the comprehensive skills required to perform pelvic exams.

The realistic mannequin provides learners and educators with the ability to identify anatomy, conduct an exam and receive feedback.

3D Systems' simulators offer clinicians the most realistic hands-on training experience at no patient risk.



HYST Mentor™

Comprehensive hands-on training with curriculum for diagnostic and therapeutic hysteroscopy.

TURP Mentor™

A comprehensive educational solution for Transurethral Resection of the Prostate (TURP) procedures, Transurethral Resection of Bladder Tumors (TURB) and BPH treatment.



GI Mentor™

Evidence-based simulator provides realistic practice using actual scopes. Covers basic-to-advanced procedures.

The GI Mentor is the only simulator used for training and evaluation of hands-on skills mastery by leading societies.

GI Mentor Express

A portable simulator for basic GI endoscopy training.



BRONCH Mentor™

A comprehensive training solution for flexible bronchoscopy using an actual bronchoscope.

The BRONCH Mentor includes the widest content of diagnostic, therapeutic and emergency cases, in an unrestricted patient environment.

BRONCH Express

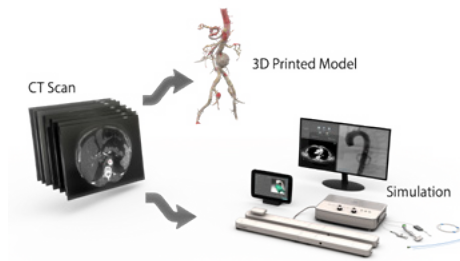
A portable desktop simulator, co-developed with CHEST (the American College of Chest Physicians).

Request a demo or more information at healthcare@3dsystems.com



ANGIO Mentor™

From neurovascular, through cardiac and down to peripheral interventions - multidisciplinary endovascular training is made easy using live fluoro, echo, realistic tools and a variety of complications scenarios to prepare the trainee for real life.



PROcedure Rehearsal Studio™

This innovative technology takes planning and training for endovascular procedures to a new level. PRS is used to create a patient specific 3D virtual or printed anatomical model based on a CT scan, which the physician can use to evaluate and practice surgical treatment options.



U/S Mentor™

A multidisciplinary high-end simulator for the training of ultrasound examinations, it is the only virtual simulator for ultrasound-guided interventions.

The simulator enables self-learning and competence assessment for Point-of-Care, Echocardiography, OB/GYN and Sonography.

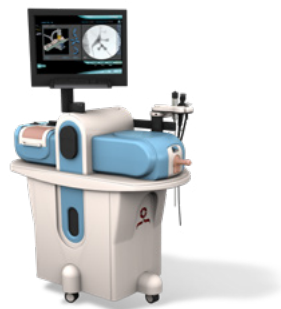
TEE Express

A compact and affordable platform for complete Transesophageal Echocardiography (TEE) examination training.



ARTHRO Mentor™

Designed to enable effective arthroscopic surgery skills acquisition, reduce training time and improve the learning curve of complex surgical techniques. Unlike other solutions, the system's dynamic-haptic technology adapts to the anatomical changes in the procedure.



URO Mentor™

The leading VR training simulator for diagnostic and therapeutic endourology procedures. Provides a unique opportunity to work with a variety of scopes, tools and visual images on a true-to-life system.

PERC Mentor™

The ideal training tool to practice percutaneous puncturing skills using an authentic needle. Focuses on percutaneous renal access under fluoroscopic guidance.



SPINE Mentor™

The SPINE Mentor offers true-to-life training of Minimally Invasive Spine Surgeries. The combination of realistic materials, physical spine model and advanced virtual reality capabilities enables full procedure simulation with high accuracy and realistic sensation.

The simulator is suitable for anesthesiologists, pain medicine doctors, interventional radiologists and neurosurgeons.

3D Printing for Healthcare

FEATURING D2P (DICOM-TO-PRINT) SOFTWARE

D2P is a stand-alone modular software package that is designed to address and consolidate all 3D model preparation steps.

The software is intended to be used by medical staff for preoperative surgical planning and allows for the export of 3D digital models in various file formats that can be used by numerous applications.

The software minimizes the need for technical expertise and seamlessly connects to advanced 3D visualization technologies such as VR.



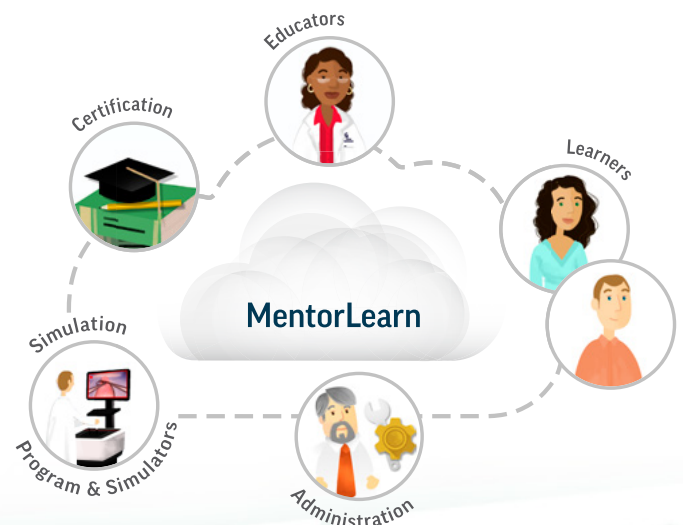
MentorLearn™ Cloud

OPTIMAL SOLUTION FOR TRAINING MANAGEMENT

MentorLearn is a curricula management system for Symbionix simulators.

MentorLearn Cloud is a web-based, easy-to-use resource that can be accessed via phone and tablet devices.

- Remote simulator administration
- Online learning
- Online results monitoring





"What makes a simulator great? A surgeon should be able to work with instruments in an environment that feels just like that of working on a real patient. There should not be the feeling of a game or artificial environment. Only 3D Systems (formerly Simbionix) has worked closely with physicians to develop a continuous improvement of a simulated environment."

Jeffrey Ponsky, MD
Cleveland, OH

Customer Support

In addition to a highly trained support team that is available 24/7 for our worldwide customers, advanced technology is used for timely service. Automatic Updates use Over-the-Air (OTA) technology to ensure that your Simbionix simulator software is always the latest version available. It allows to automatically download and perform software installations easily and quickly, without customer or support user intervention. Similar to Windows Updates, it is performed silently, online, and does not interfere with simulator practice.

Healthcare Solutions

3D Systems is a pioneer for healthcare solutions that improve outcomes which benefit both patients and surgeons. Our global team works with customers to help navigate technologies and provide support for surgical planning, training, device design, personalized medical technologies and 3D printing. We are dedicated to helping medical professionals train for, plan and practice complex medical procedures.

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