

SimbionixTM



Simposia
Clinical Practice Communities



SimposiaSM

Clinical Practice Communities

A secure global network of virtual Clinical Practice Communities that help physicians advance their clinical performance through education, knowledge sharing and collaboration. Physicians can participate in their communities anywhere and anytime from smart phones, tablets, and desktop computers.

Clinicians can share and discuss media-rich cases, weigh in on the latest medical practices, and consult in real-time with their trusted network of peers.

Associations can enhance their value to members by facilitating ongoing interaction between members and improving access to ongoing education.

Residency Programs can benefit from an integrated Learning Management System to create, deliver and monitor case-based curricula.

Industry can shorten product adoption curves with a high-impact channel to reach and train target physicians and streamline R&D feedback.

Simbionix provides full support for the building and maintenance of your community, and works to continuously improve the platform for the benefit of your members.

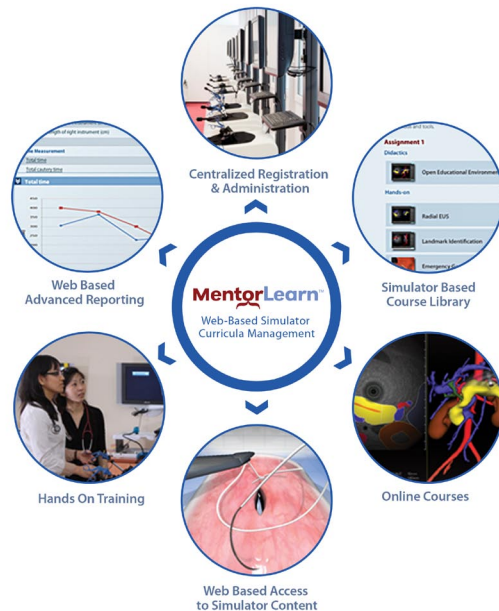
Join your community at:
www.mysimposia.com

MentorLearnTM

Simulator Training Curricula Management System

MentorLearnTM is a web based optimal solution for managing training and education needs for the Simbionix line of simulators. This easy to use system facilitates performing the administrative tasks of simulation based training curricula. The system includes a library of ready-to-use simulator based courses and a platform to design new training courses. Courses may include online didactic content, proficiency based hands-on training and performance review and assessment.

MentorLearn is Suitable for Simulation Centers, Medical Institutions and Associations and Industry Medical Education Centers.





LAP Mentor™

The LAP Mentor™ is the laparoscopic simulator of choice used by leading training centers worldwide.

A complete multidisciplinary training curriculum enables new or experienced surgeons to practice everything from perfecting basic laparoscopic skills and suturing to hands-on basic and advanced laparoscopic procedures.

Used independently or integrated into training programs, the LAP Mentor has been validated as an effective and valuable training tool for improving clinical performance and enhancing patient safety.

The robust LAP Mentor design delivers tactile feedback for a realistic experience of lifting and dissecting tissue.

The desktop LAP Mentor Express provides an excellent non-haptic, cost effective training solution.



GI Mentor™

The most advanced VR simulator for GI procedures.

Clinicians are provided with the opportunity to practice the complete range of GI procedures in a realistic environment using actual scopes. The GI Mentor's most comprehensive training curriculum covers the entire range from fundamental endoscopic skills to the most advanced procedures such as ERCP and EUS, offering over 120 tasks and cases. Performance objectives are captured, and the instructor can easily create and assign elaborate training programs, as well as manage and monitor trainees' progress.

The GI Mentor has been validated as a successful tool in advancing clinical performance, and is the GI simulator of choice used by leading societies to train and assess endoscopic skills.



BRONCH Mentor™

An innovative bronchoscopy simulator offering designated skill tasks alongside complete clinical procedures.

The simulator provides a realistic simulation working with actual scope and tools, while selecting from a wide choice of supporting didactic tools and educational aids.

Designed to promote team training, the BRONCH Mentor provides the most flexible setup for both team and solo training.

Comprehensive patient management simulation including moderate sedation and topical anesthesia, consciousness level and vital signs monitoring, and clinical complications - enhances the bronchoscopic simulation to the full spectrum of the actual procedure.

GI-BRONCH Mentor™

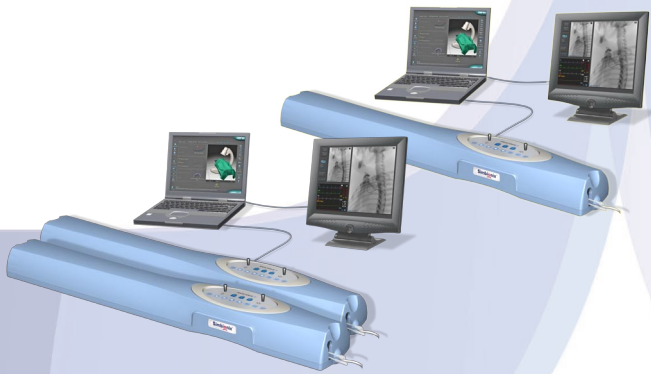
The GI-BRONCH Mentor is an innovative platform combining the GI Mentor and the BRONCH Mentor to provide the most advanced virtual reality training for GI Endoscopy and Flexible Bronchoscopy.



ANGIO Mentor™

A perfect endovascular training system for multiple disciplines including: Interventional Radiology, Interventional Cardiology, Electrophysiology, Vascular Surgery, Interventional Neuroradiology and Thoracic Surgery.

The ANGIO Mentor™ contains an ever-expanding library of simulated interventional procedures. The simulated environment provides more realistic, high fidelity training opportunities than any other endovascular simulator. When combined with Symbionix's innovative PROcedure Rehearsal Studio™, the number and variety of available practice options becomes unlimited.



The ANGIO Mentor family of products provides solutions for a wide variety of training situations: The Ultimate for Cath Labs or Interventional Suite team training, and the Express Single / Dual access enable complete training anywhere.



PROcedure Rehearsal Studio™

Taking preparedness for endovascular procedures to a whole new level!

The PROcedure Rehearsal Studio™ allows clinicians to create a patient specific 3D virtual anatomical model based on the patient's CT.

Once the virtual model of the patient's anatomy has been reconstructed, the physician can plan and practice an endovascular intervention. By doing so, the likelihood of an optimal outcome is increased and risk to the live patient is decreased, as supported by both clinical and validation studies.

The PROcedure Rehearsal Studio™ software was market cleared in the United States, intended for use as a software interface and image segmentation system for the transfer of imaging data from a medical scanner to an output file. It is also intended as pre-operative software for simulating and evaluating surgical treatment options.

Cases with strong teaching value can be stored in the ANGIO Mentor™ for future training and discussion, creating an unlimited virtual patient library. Real patient simulation makes the PROcedure Rehearsal Studio™ the ultimate resource for creating relevant and innovative interventional curricula.



PELVIC Mentor™

Industry first Training Simulator for Pelvic Floor Repair.

The Pelvic Mentor™ advanced simulator is intended to prepare gynecologists and urogynecologists for pelvic floor reconstruction with an emphasis on transvaginal mesh procedures.

This unique system was designed to allow trainees to obtain detailed knowledge of pelvic anatomy and to acquire comprehensive skills in pelvic reconstructive surgery for pelvic organ prolapse to enhance patient safety.

The PELVIC Mentor is a strong didactic tool, enabling the trainee to receive real-time feedback while recognizing the relevant anatomical sections and / or manipulating the relevant medical device within the pelvis cavity. The unique combination of the model's anatomical structure, finger sensation and virtual model provide the most effective training tool to date.



URO Mentor™

The leading VR training simulator for diagnostic and therapeutic endourology procedures.

Advanced visualization technology, realistic simulated anatomy, and a variety of scopes and tools, all make the URO Mentor™ the closest environment to a real procedure, with none of the risks.

Introduction to the use of endourology scopes and tools is done by working on coordination skills and essential tasks, followed by the practice of actual procedures such as stricture and stone treatment.

PERC Mentor™

The ideal training tool for practicing percutaneous puncturing skills.

The system provides hands-on training for learning how to obtain percutaneous renal access under fluoroscopic guidance using an authentic needle, with virtual patient profiles ranging from normal to obese.



VirtaMed HystSim™/ TURPSim™

Simbionix and VirtaMed have joined forces to provide a combined platform for diagnostic and therapeutic hysteroscopy training and for transurethral prostate resection (TURP) training.

HystSim™

A comprehensive hysteroscopy training curriculum for diagnostic and therapeutic hysteroscopy. Didactic tutorials are followed by realistic hands-on experience that includes mastering instruments and managing complications. Multiple, complete hysteroscopy procedures are available to provide a range and depth of relevant pre-clinical experiences. Meaningful objective feedback completes the learning process.

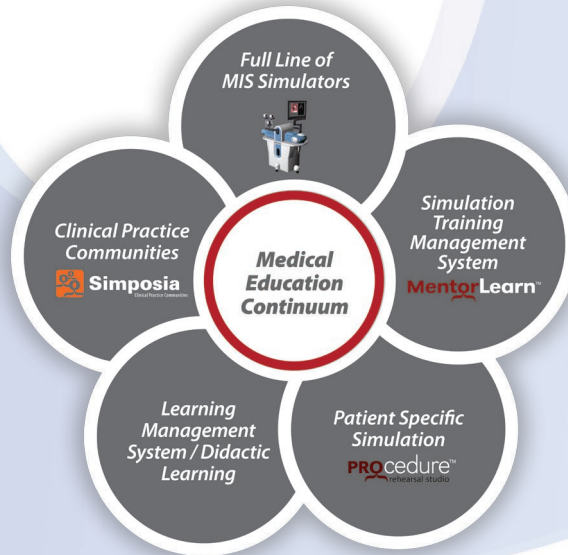
TURPSim™

A comprehensive educational solution for TURP procedures, providing didactic tutorials and training on basic resection tasks and advanced cases. A realistic hands-on experience includes knowledge of anatomy and pathology, handling instruments, performing a safe resection and managing bleeding and complications. Debriefing reports provide meaningful objective feedback for consistent effective learning results.



Simbionix - To Advance Clinical Performance

Simbionix Corporation is a world leading provider of a full spectrum of innovative training and education solutions for medical professionals and the healthcare industry. Founded in 1997, Simbionix combines innovative R&D, cutting edge technology, and strong clinical relationships to promote adoption of best medical practices, to advance clinical performance, and to optimize procedural outcomes. The company's comprehensive education solutions include top of the line medical simulators, simulation centers and learning management systems and online communities for surgeons.



Simbionix Medical Education Continuum – Leading the Way into Next Generation Medical Education

After over 12 solid years in the medical simulation field, Simbionix continues to constantly deliver high quality technologically advanced products. All of our products are developed in collaboration with global medical experts, who play an active role in simulation design, content definition, and product testing and validation. Cooperation with leading professional societies, credentialing boards and academic institutions around the world are all part of establishing simulation based curricula and meeting certification requirements. The results are the most reliable, robust and effective medical education training products.

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