

surgicalscience



IMPROVE CLINICAL PROFICIENCY AND PERFORMANCE

On a mission to enhance patient safety and healthcare outcomes using evidence-based simulation training.

Simbionix Simulators

The market's broadest selection of virtual reality simulators:



ENDO Mentor Suite®

Unifies three widely recognized Sionix simulators into one powerful solution: The GI Mentor, BRONCH Mentor and the URO Mentor. This multi-specialty platform is ergonomic, self-sufficient and uses real endoscopes modified for simulation purposes.



LAP Mentor®

Offers a comprehensive basic to advanced laparoscopy hands-on training curriculum, ready to be integrated into surgical training programs.



RobotiX Mentor®

A stand-alone console with a complete robotic curriculum, enables practicing of the motor and cognitive skills required to perform robotic surgery, outside the OR.



EndoSim®

Endoscopy simulator, focuses on usability, applicability in clinical education and continued technological medical simulation advancements.



LapSim®

With a range of exercise packages from basic to advanced laparoscopic procedures, it provides residents with an essential path to technical skills proficiency.

Team Training

RobotiX Mentor with the LAP Mentor enables the practice of communication skills with surgical assistants.



ARTHRO Mentor®

Combines shoulder, knee or hip anatomical models with virtual arthroscopic environment and haptic sensation, to provide effective arthroscopic surgery skills acquisition.



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.



FlexVR™

A portable and easy to setup system, that allows trainees to quickly learn the fundamentals of robotic surgery.



ANGIO Mentor®

Multi-specialty, basic to advanced endovascular training using real time fluoroscopy, echocardiography, realistic tools and a variety of complication scenarios.



PERC Mentor Suite®

Provides hands-on training for an unlimited number of ultrasound and fluoroscopy-guided interventions, supporting multiple specialities.



Ultrasound Mentor®

One cross-specialty training solution for the ever-growing utilization of ultrasound, including Point-of-Care, OB/GYN, echocardiography, pediatric, interventional ultrasound and more.

Our clinically validated and innovative training simulation solutions provide a safe environment to master skills and procedures prior to patient interaction.



TraumaVR®

An immersive, mixed-reality airway management simulator, combining a manikin and instruments with VR simulation, to enable cognitive knowledge and psychomotor skills acquisition.



SPINE Mentor®

Offers true-to-life, accurate training of minimally invasive spine surgeries, by combining realistic tissue materials and a physical spine model with virtual reality simulation.



Working closely with societies and the medical community, we use advanced technology to create unmatched graphics and haptics for a realistic learning experience.

Surgical Science is a leading provider of medical simulation training and software solutions. Together with healthcare partners and customers worldwide, we enhance patient safety and healthcare outcomes using evidence-based customized simulations to improve clinical proficiency and performance.

Surgical Science education resources are used in simulation centers, hospitals, universities, and by medical device partners worldwide, helping medical professionals become more skilled and confident.

8000+

Simulators in
82 countries

400+

Clinical
validations

150+

Simulated
procedures

20+

Years of
experience



MentorLearn Cloud

A cloud-based easy-to-use management system that helps administer your simulators, curricula and trainees. It enables online learning, anywhere results monitoring, proficiency-based hands-on training and simulation video capture, ideal for debriefing.



"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 Surgical Science has worked closely with physicians to develop a continuous improvement of a simulated environment."

Jeffrey Ponsky, MD
Cleveland, OH



"...Students who have had training on the LAP Mentor were 70% more proficient than the control group who had no simulation training. They had 70% less complications and errors, were more confident and proficient so that the surgeons did not need to take over during the operation."

Dr. Sandeep Ganni, Surgical Dir. of the GSL SMART Lab India
and research fellow at Catharina Hospital, Netherlands

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Would you like to hear more about how your organization can benefit from simulation? Please get in touch, we'd love to hear from you.

Request a demo at info@surgicalscience.com



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