

surgicalscience

Medical Simulators



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



Ready-to-use and evidence-based simulators with customizable curricula to fit your needs



Ultrasound Mentor

All-in-one ultrasound training covering POCUS, OB/GYN, TEE, pediatrics, and interventional procedures.



LAP Mentor

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



ENDO Suite

Cross-specialty endoscopy training platform unifying GI endoscopy, Bronchoscopy, Endourology and Hysteroscopy.



PERC Mentor Suite

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



LapSim

From core to advanced laparoscopic procedures, providing surgical trainees a clear path to proficiency.



EndoSim

An endoscopy training platform for those who seek to fully master fundamental endoscopic skills before entering the OR.



ARTHRO Mentor

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



SPINE Mentor

Provides realistic training for minimally invasive spine surgeries using physical models and VR.



PELVIC Mentor

Combines a lifelike, palpable pelvic model with virtual reality simulation to ethically practice pelvic examination skills.



ANGIO Mentor

Multi-specialty training for endovascular techniques using real-time imaging and various patient scenarios.



TraumaVR

An immersive, mixed-reality urgent care simulator, combining a manikin and instruments with VR headset.



RobotiX Mentor

A stand-alone console with a complete robotic curriculum, enables practicing robotic surgery skills outside the OR. Team training is enabled by integrating the LAP Express.



FlexVR

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

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

60%

reduced errors¹

50%

less operation time²

45%

higher quality³

30%

reduced surgical time¹

30%

improved performance in the OR⁴

Boost skills in a wide range of specialties:



General Surgery	Critical Care
Endovascular	OB/GYN
Gastroenterology	Orthopedic Surgery
Pulmonology	Urology
Sonography	Anesthesiology
Emergency	...and more

1.[https://www.americanjournalofsurgery.com/article/S0002-9610\(07\)00071-2/pdf](https://www.americanjournalofsurgery.com/article/S0002-9610(07)00071-2/pdf)

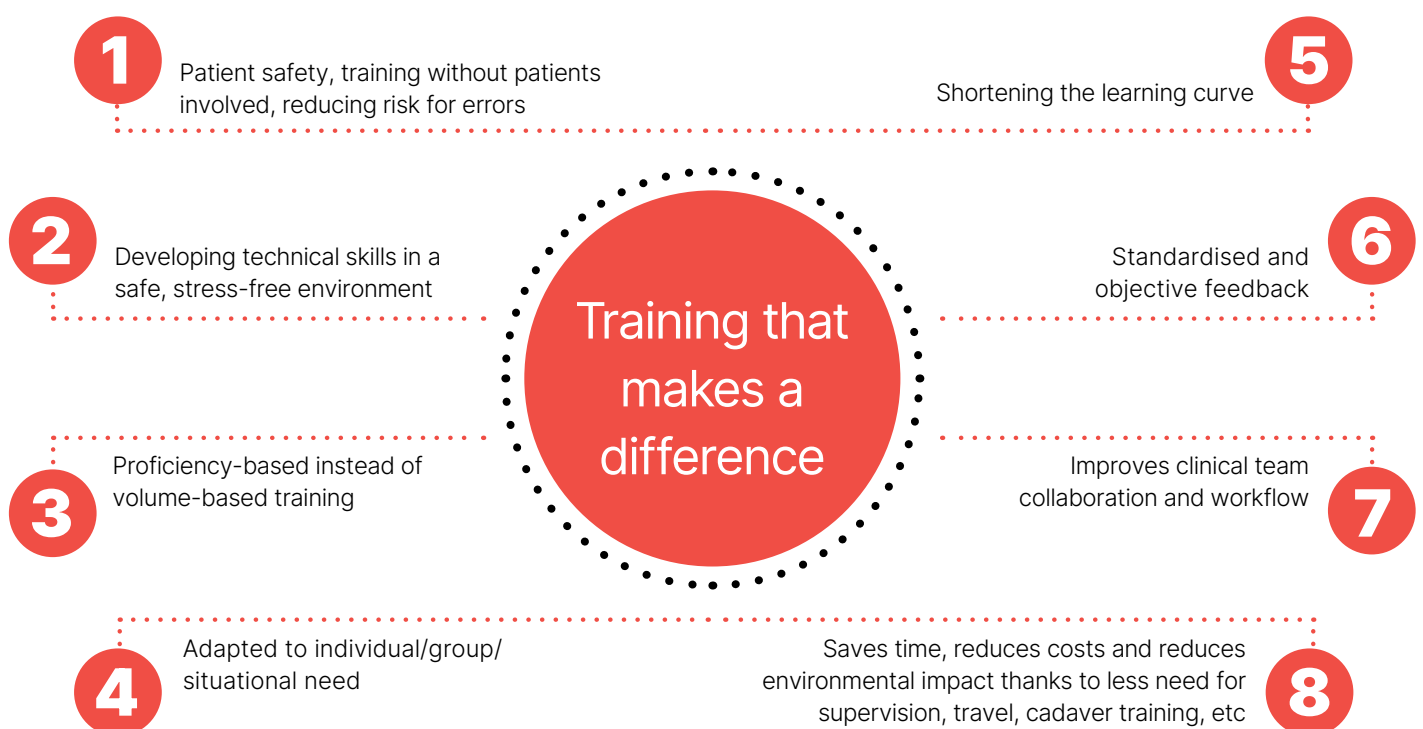
2.<https://www.bmj.com/content/338/bmj.b1802>

3.<https://pubmed.ncbi.nlm.nih.gov/17512295/>

4.<https://pubmed.ncbi.nlm.nih.gov/24503910/>



Improve clinical proficiency and performance and help your healthcare professionals grow



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 simulation 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

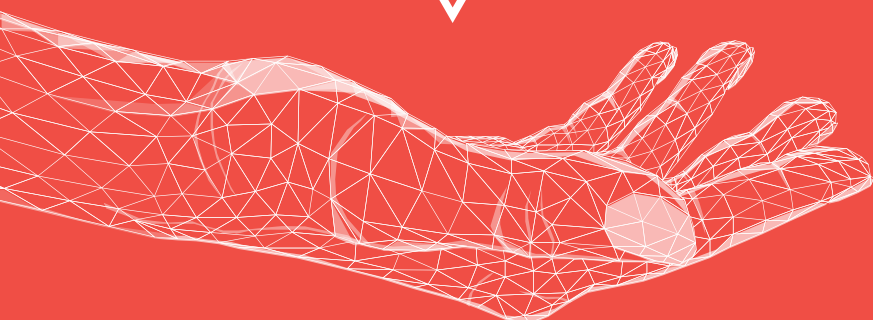
20+

Years of
experience



MentorLearn Cloud

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





“The simulator has allowed our residents, fellows and sonographer students to systematically review fetal anatomy. The fetal movement during the exam replicates real life scanning in a way that dramatically enhances the experience.”

Terry C Harper, MD
Division Chief, Maternal Fetal Medicine
Anschutz Medical Campus, University of Colorado



“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. Ganni Sandeep
Managing Director, GSL Educational Society
Rajamahendravaram, India



“Utilizing benchmarks for residency training has been invaluable... MentorLearn allows me to see residents' progress from home... I can see which residents have gained the necessary skills set to perform arthroscopy on real life patients.”

Matthew C. Sardelli, MD
Orthopedic Surgery and Sports Medicine
McLaren Flint, Michigan

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Let's discuss how your organization can benefit from simulation.
Request a free demo at: info@surgicalscience.com

Scan the QR code for more information.