surgicalscience

Health Sciences Programs

BUILD CLINICAL COMPETENCE IN A SAFE ENVIRONMENT

With Surgical Science Simulators

Health Sciences programs benefit from the extensive range of Surgical Science's clinically validated simulators. Equip your students with state-of-the-art tools that offer enjoyable, immersive and realistic hands-on training, saving time and accelerating their learning journey. Our simulators are trusted by medical associations, hospitals and training centers globally.

The advantages of using Surgical Science simulators:

- Train in a safe and controlled environment, away from patients
- Ensure structured and consistent training sessions
- Enhance psychomotor skills and boost confidence
- Provide team training to improve communication skills
- Save instructor's time with self-guided training and educational aids
- Monitor students' progress towards competency with actionable feedback

Cardiovascular Technology (CVT)

ANGIO Mentor

The ANGIO Mentor is an essential simulator for CVT trainees to acquire endovascular skills.

It offers hands-on practice in a realistic interventional suite setting, with angiography or echocardiography guidance. From patient monitoring to mastering peripheral and cardiac intervention tools, it prepares individuals and teams for real-world scenarios.

Diagnostic Medical Sonography

Ultrasound Mentor

The Ultrasound Mentor is an important tool for diagnostic sonography students, delivering immersive training across OB/GYN, POCUS, and echocardiography specialties.

Designed for versatility, this advanced platform enables seamless transitions between male, female, and pediatric manikins and accelerates the development of both technical and cognitive skills.

Respiratory Care

BRONCH Express

The BRONCH Express portable virtual reality simulator offers hands-on training for essential bronchoscopy skills, diagnostic bronchoscopy and essential EBUS. It focuses on the core competencies alongside the procedural and clinical know-how required to build bronchoscopic competence.

Surgical Technology & Surgical Assisting

ARTHRO Mentor

The ARTHRO Mentor combines shoulder, knee, or hip anatomical models with a virtual arthroscopic environment and haptic sensation to provide effective arthroscopic surgery procedural knowledge and skills acquisition, using a wide variety of arthroscopic instruments.

FlexVR

The FlexVR is a flexible and portable robotic surgery simulator. It allows surgical technology and surgical assisting trainees to quickly learn the fundamentals of robotic surgery, such as wristed instrument manipulation, camera control, clutching, energy control, needle driving and suturing.

LapSim ST

Exclusively developed for surgical technologist and surgical assistant training, the LapSim ST simulator enables the practice of camera navigation in a realistic anatomical laparoscopic environment. It includes kinesthetic exercises to safely prepare practitioners for the operating room.

LapSim ST Express

When mobility is important select the portable, lighter version that is easy to transport and set up, especially for career fairs and distance learning.

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 Surgical Science simulators empower students to develop the hands-on clinical skills, critical thinking, and confidence in a safe, controlled environment before entering a direct patient care setting...

Investing in advanced simulation with Surgical Science is not just an investment in education, it's a commitment to the future of healthcare education.This benefits both our students and the communities they will serve.

Eboni Saurage, EdD, CST, FAST
Dean of Nursing and Allied Health
Baton Rouge Community College
Florida, USA

Since purchasing the LapSim in January 2020, and incorporating procedural, navigation, and instrument skills modules into our curriculum, our students' performance during laparoscopic procedures has increased substantially. Prior to the implementation, our students were barely given the opportunity in the operating room to navigate the camera because they had no prior practice in the laboratory.

Brooke Oliver CST, M.Ed.
Associate Professor of Surgical Technology
Richland Community College, Decateur
Illinois, USA

From novice learners to seasoned professionals, Surgical Science has revolutionized obstetrical scanning education...The cutting-edge simulator offers unparalleled realism, empowering our students to develop crucial skills in obstetrical and GYN scanning with confidence and precision in a risk-free environment, ultimately enhancing patient care and safety.

Angela Meeker BS, RDMS
Diagnostic Medical Sonography Instructor
Cape Fear Community College
North Carolina, USA

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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.

23500 Mercantile Rd | Suite F, Beachwood, Ohio   **www.surgicalscience.com**

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