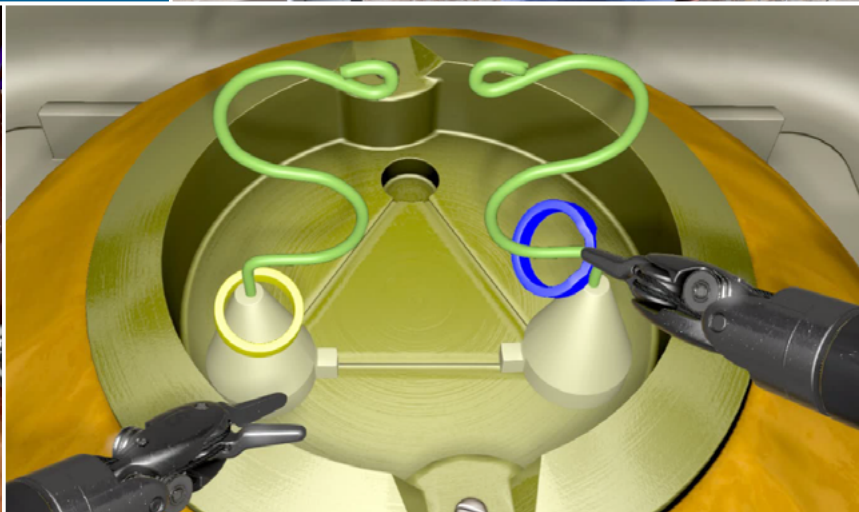
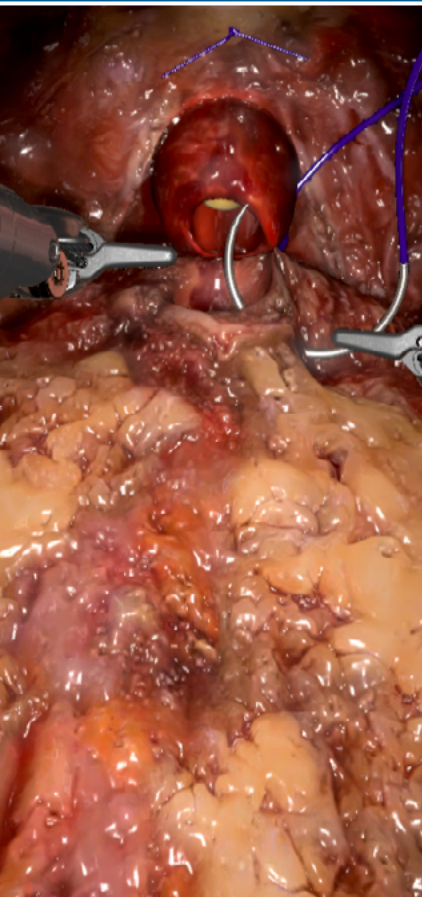


RobotiX Mentor™



BDSYSTEMS®



Simulator Platforms

- Authentic representation of the surgeon console workspace, master controllers and pedals.
- Realistic representation of robotic surgery hand movements.
- Accurate robot kinematics, tools and workspace.
- Adjustable elements provide a comfortable and ergonomic working position.
- A 3D HD stereoscopic personal display providing life-like graphics.
- An instructor monitor can be positioned separately for best group viewing.



Team training option enabled by incorporation of the LAP Mentor Express to allow the surgical assistant to collaborate with the robotic surgeon in practice as in real procedures in the same training environment.

MentorLearn Simulator Curricula Management System

3D Systems' multidisciplinary simulators effortlessly integrate into your program curriculum.



- Customizable curriculum incorporating training and didactics.
- Easy and efficient administration of simulator users.
- Online learning courses and video-based content.
- Proficiency based hands-on training.
- Performance reports with learning curve graphs.

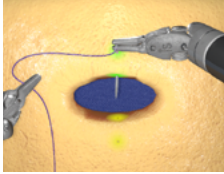


RobotiX Mentor™ is the only VR training simulator to provide a comprehensive curriculum including complete robotic clinical procedures with true-to-life graphics and tissue behavior.

RobotiX Mentor Curriculum

Surgeons of all expertise levels across divers medical specialties have an opportunity to efficiently practice the required robotic skills and complete procedures that are enhanced by videos, step-by-step guidance and a variety of complications and emergency situations. The ever expanding curriculum is developed in close collaboration with the medical community to ensure accuracy.

Robotic Tasks and Skills



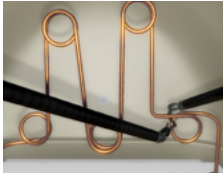
Robotic Suturing
Suturing and knot-tying tutorials for wristed and single site surgery.



Stapler
A unique module to become familiar with specialized robotic instrumentation.

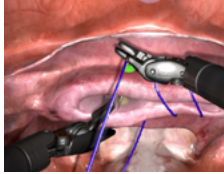


Fundamentals of Robotic Surgery (FRS)
Basic skills training within standardized cases, developed in close collaboration with the FRS experts.

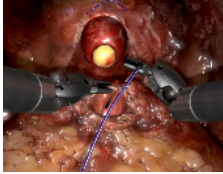


Essential Skills
Robotic skills training in a simulated non-anatomical box trainer setting.

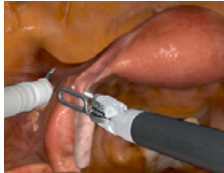
Robotic Procedure Training



Vaginal Cuff closure
Suturing in an anatomical environment to provide practice for the complex surgical skill.



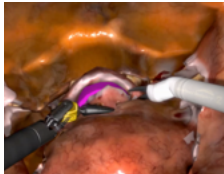
Radical Prostatectomy
Key steps of the complex procedure including: bladder neck dissection, pedicles division, apical dissection and urethrovesical anastomosis.



Hysterectomy
Advanced and comprehensive simulation curriculum for the practice of a complete robotic hysterectomy procedure.



Lobectomy
Right upper lobectomy with hilum dissection, division of the blood vessels and bronchus.



Hysterectomy Procedural Tasks (FRGS)
Key steps of hysterectomy based on Fundamentals of Robotic Gynecologic Surgery (FRGS) curriculum including: ureter identification, bladder mobilization and colpotomy.





HEALTHCARE SOLUTIONS

3D Systems pioneered healthcare solutions that enhance quality-of-life through the use of 3D printing, surgical planning and personalized medical technologies. We are dedicated to helping medical professionals train for, plan, practice and perform complex medical procedures and achieve better patient outcomes.

3D Systems' Symbionix simulation products provide a complete solution for training programs with a full array of simulators, PROcedure Rehearsal Studio™ for case rehearsal and to create 3D printed personalized anatomical models, and MentorLearn™ for simulator management.

The company is committed to building an end-to-end Digital Thread for Personalized Surgery. We develop true patient-specific healthcare solutions, one-by-one or at scale, designed to change the future of personalized medicine.



3D Systems Healthcare

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