

# Simbionix™

Simulation to Advance Clinical Performance

## Simbionix – The World Leader in Medical Education

Simbionix is the world's leading provider of innovative and effective virtual reality simulation products and solutions for clinical education and training of medical professionals. Our products accelerate best-practice medical training, advance clinical performance, and improve patient safety. They offer to clinicians the most realistic, reliable, comprehensive and safe platform for learning, studying and practicing operational procedures and, to industry and professional associations, they offer exceptional flexibility, functionality and added value to meet their training needs.

Established in 1997 by a small group of individuals with a multi-disciplinary background in marketing, software programming and 3-D graphics, Simbionix developed the GI Mentor™, the industry's first computer-based simulator for teaching and practicing endoscopic procedure skills. Since then, the company has successfully launched a complete line of medical simulators that provide medical professionals with hands-on training in a comprehensive array of Minimally Invasive Surgery procedures; the URO Mentor™ - the industry's only endourology procedure simulator, the PERC Mentor™ for percutaneous access procedures, the LAP Mentor™ - a multidisciplinary simulator for laparoscopic skills and surgical procedures, and the ANGIO Mentor™, a multidisciplinary simulator that provides hands-on practice in an extensive and complete simulated environment of interventional endovascular procedures.

Led by an experienced management team, Simbionix combines innovative R&D, cutting-edge technology, solid manufacturing capabilities, strong clinical relationships, a professional sales and marketing team and dedicated customer support.

Simbionix simulation products have been validated in many scientific studies and the company cooperates closely with industry, leading medical centers and international institutions to develop the most advanced and effective simulators for the training and assessment of medical professionals.

[www.simbionix.com](http://www.simbionix.com)

### Headquarters:

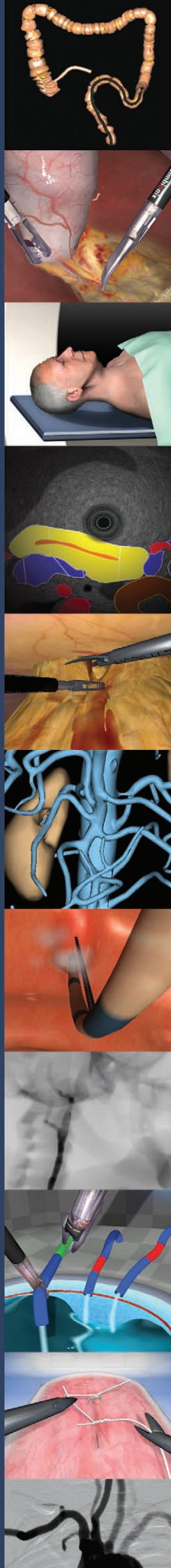
Simbionix USA Corp.  
11000 Cedar Ave, Suite 210  
Cleveland, Ohio 44106  
Tel +1-216-2292040  
Fax +1-216-2292070  
Toll-free: 1-866-SIMBIONIX  
infousa@simbionix.com

### Subsidiary:

Simbionix Ltd.  
6 Hamelacha St.,  
Northern Industrial Zone  
Lod 71520 Israel  
Tel +972-8-9211177  
Fax +972-8-9211188  
info@simbionix.com

### eTrinsic Division:

1422 Delgany, Suite 220  
Denver, CO 80202  
USA  
Tel: +1-303-4130201  
Fax: +1-303-4130251  
www.etrinsic.com



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The LAP Mentor™ is the world's most advanced comprehensive multidisciplinary simulator for enabling hands-on practice of complete laparoscopic procedures for individuals or entire teams.

The simulator's laparoscopic training curriculum covers everything from essential skills to tutorial procedural tasks to simulation of full procedures. The system enables practice of complete virtual procedures such as cholecystectomies, hernia repairs, colorectal and gynecological procedures.

The LAP Mentor™ uses the world's best simulation technology. It offers realistic visualization of human anatomy and physiology and is available in two configurations; either combined with a high fidelity haptic system for the most realistic look and feel, or without the haptic system for an excellent and budget-friendly training tool.



Simbionix ANGIO Mentor™ family is a multidisciplinary simulator that provides hands-on practice in an extensive and complete simulated environment of interventional endovascular procedures such as Carotid, Renal, SFA, Iliac and Coronary Interventions.

The system's true-to-life simulations provide realistic sensations of using the interventional devices, monitoring patient vital signs, dealing with intra-procedural complications and drugs administration.

ANGIO Mentor is available in three configurations: the ANGIO Mentor™ Ultimate, a comprehensive solution for Cathlab or Interventional Suite team training, ANGIO Mentor™ Express for smaller courses, local meetings or remote locations, and ANGIO Mentor™ Mini, a portable "personal trainer" for integrated training and practice of basic angiographic skills and interventional endovascular procedures.



The company's flagship simulator, the GI Mentor™ trains physicians to perform a wide variety of upper and lower GI procedures including flexible sigmoidoscopy, colonoscopy, gastroscopy, ERCP, emergency bleeding scenarios and Endoscopic Ultrasound (EUS), the only training module of its kind in the world. Simulator-based training gives clinicians a true-to-life endoscopic procedure experience using the same scopes and simulated accessories trainees encounter in the field. Its extensive library of virtual patients, with more than 120 tasks and cases, provides a wide selection of procedures from the relatively easy to the rare and complex. Its unique basic Cyberscopy Module helps trainees to develop and hone their essential endoscopic skills.



The Simbionix URO Mentor™ is the world's only simulator for diagnostic and therapeutic endourology procedures. URO Mentor's advanced visualization technology plus its variety of scopes, tools and anatomical images make its simulations the closest thing to real procedures, with none of the risks. The simulator's Basic Tasks Module provides opportunities to study urinary tract anatomy and to identify urological landmarks. Virtual patient cases enable performance of diagnostic and therapeutic procedures, including stone and stricture treatments and use of rigid and flexible scopes.



The PERC Mentor™ is the world's first simulator for training radiologists and urologists to perform percutaneous renal access procedures under fluoroscopic control. This simulator is designed as an add-on feature of the URO Mentor™, but is also available as a stand-alone simulator. Trainees hold a needle in their hands, pass it through tissue and feel it as they insert it under real-time fluoroscopy. With virtual patient profiles ranging from normal to obese, trainees learn to manipulate the guidewire down to the ureter and gain access to the renal calyces so the procedures they perform on live patients will be safe and error-free.