

GI Mentor II™

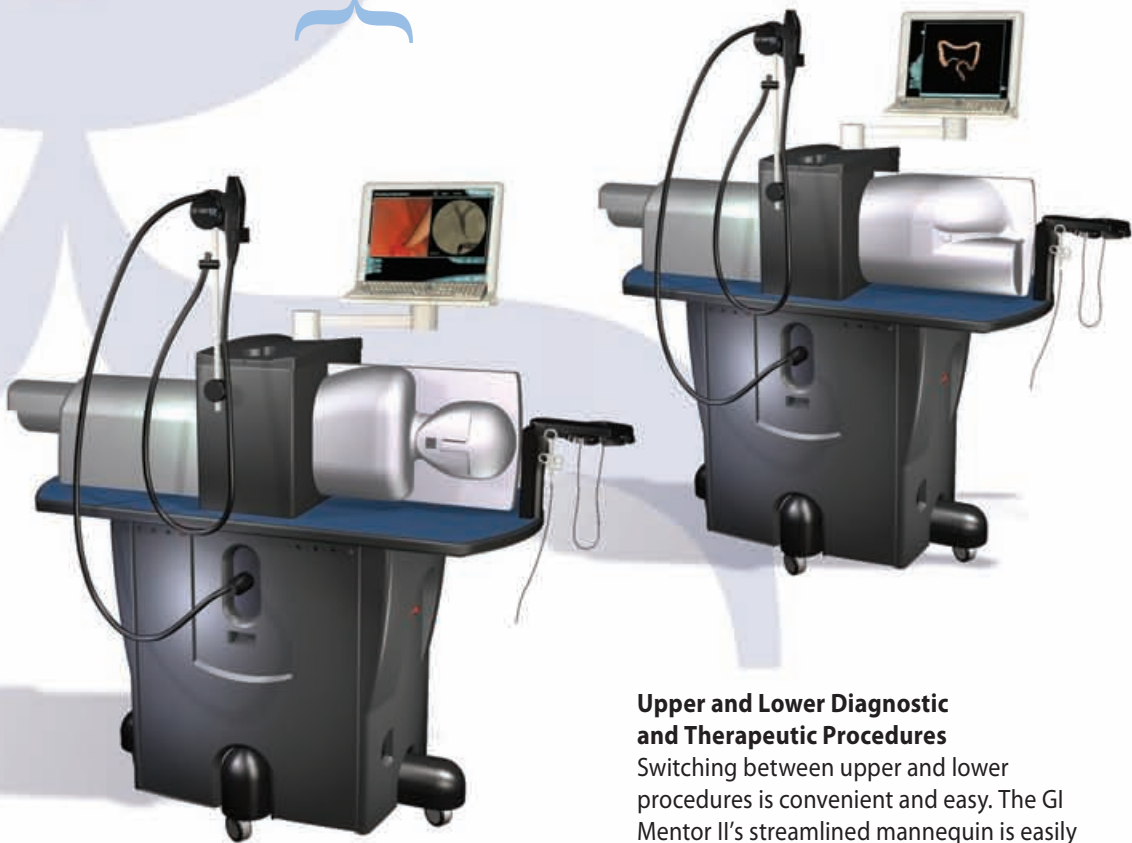
Where Virtual Reality Improves Real Life

Simbionix has developed a unique technology that provides realistic visualization of human anatomy and endoscopic devices .

Simbionix, the world leader in MIS training simulators, is committed to creating a hands-on training experience second to none, using state-of-the-art technology.

The GI Mentor' unique hardware and software combine to produce a true-to-life sensation of performing real endoscopic procedures.

GI Mentor II™



Upper and Lower Diagnostic and Therapeutic Procedures

Switching between upper and lower procedures is convenient and easy. The GI Mentor II's streamlined mannequin is easily flipped from upper GI position to lower GI position and vice versa. A click of the mouse on the monitor screen selects the desired procedure or exercise.

Features Training and Evaluation

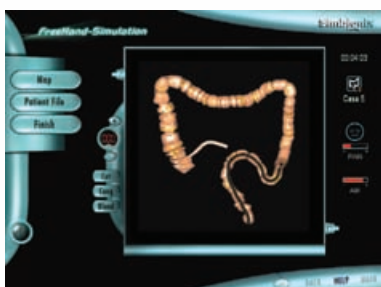
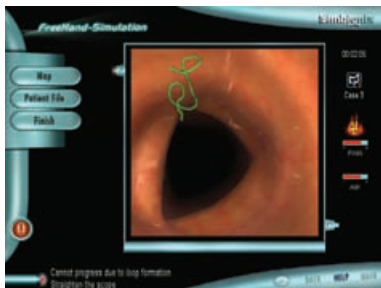
With the GI Mentor, instructors can efficiently design custom made tutorials for trainees. Objective measurements and statistics on each performance aid in the evaluation. Upon completion of an assigned tutorial, a full video playback of the trainee's performance can also be saved, reviewed and evaluated.

Cyberscopy Exercises

Cyberscopy is an exercise module designed to advance hand-eye coordination required for precise manipulation of endoscopes and tools.

Instructional Aids

Endoscopy trainees can take advantage of the GI Mentor's instructional aids as they practice on a virtual patient. The aids provide information on scope location, state of the GI tract, problematic occurrences and patient discomfort. Instructors can enable or disable the use of each individual aid on any case.



Growing Library of Modules

Simbionix collaborates with medical experts from around the world to create virtual patient cases complete with case histories, biological test results and imaging results, based on actual medical data. These cases are arranged hierarchically from more simple diagnostic procedures to difficult cases involving therapeutic procedures. Ongoing work with the medical community and in-house software development ensure the continuous growth of our Library of Case Modules over time.



Upper GI Endoscopy Modules

Simbionix offers a set of two modules for upper GI endoscopy. Each module contains 10 virtual patients. Practice on the cases provides opportunities to perform a complete survey of the upper GI tract with a forward viewing video-endoscope, perform basic therapeutic procedures, identify typical lesions, and perform diagnostic and therapeutic procedures in patients with major



Lower GI Endoscopy Modules

Simbionix offers a set of two modules for lower GI endoscopy. Each module contains 10 virtual patients. The modules enable performance of a complete survey of the lower GI tract with an authentic forward viewing video-endoscope. Trainees will encounter true to life situations such as intestinal looping, complex colon anatomies and be able to practice therapeutic procedures such as biopsy



ERCP Modules

Simbionix offers a set of two modules for ERCP. Each module contains 10 cases that feature split-screen, simultaneous display of both endoscopic and fluoroscopic views. A wide variety of accessories is available to perform therapeutic procedures such as sphincterotomy, stone extraction and stent placement. The two module set is sold with a modified duodenoscope for life-



Emergency Bleeding Situations Module

A module of 10 patient cases involving emergency hemorrhaging in the upper GI tract that requires immediate treatment using a variety of tools and procedures. The module is particularly vital due to the unpredictable nature of bleeding situations and the difficulty of training for such incidents.



Flexible Sigmoidoscopy Module

A module of 10 patient cases designed to meet the need for training in sigmoidoscopy procedures. The cases provide the opportunity to practice on difficult and unusual anatomies, identify pathologies, determine the appropriateness of sigmoidoscopy in high-risk situations and make appropriate recommendations based on the findings.



Endoscopic Ultrasonography Module (EUS)

A unique module for hands-on training of endoscopic ultrasonography procedures. The user maneuvers an authentic scope to view a realistic linear or radial ultrasound presentation created in real-time. The trainee gains experience in ultrasound images interpretation using special visual aids such as a realistic 3D anatomical representation and receives objective performance feedback. The EUS Module comprises both educational and didactic tasks modules to practice EUS landmarks recognition.

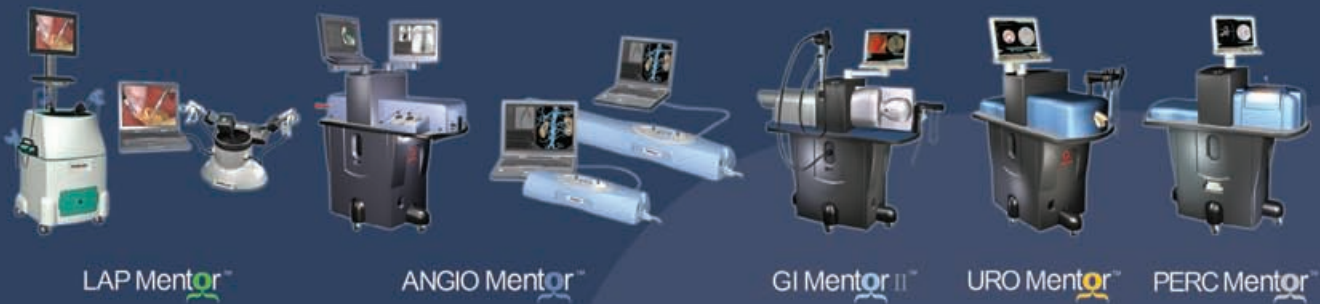


The SIMBIONIX Line of Medical Training Simulators

Simbionix is a multinational medical simulation company with headquarters in Cleveland, Ohio. The company has been developing and producing PC based training simulators for Minimally Invasive Surgery (MIS) since 1997. Today, with an impressive product line of simulators, the company is the leader in medical simulation for MIS.

The Simbionix team includes experts in 3D graphics, image processing and design engineering, coupled with a marketing and sales team with a customer-first orientation.

Visit our web site for more information on the company and our product line: www.simbionix.com



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