



**GI Mentor**<sup>™</sup>

# GI Mentor™



## **GI-BRONCH Mentor™**

**An innovative multi-procedural platform combining the GI Mentor and the BRONCH Mentor to provide the most advanced virtual reality training for GI Endoscopy and Flexible Bronchoscopy.**

The well established GI Mentor™ now on an enhanced new platform - using authentic scopes and an adjustable 24" touch screen.

The GI Mentor's unique training system combines designated hardware and software to create a true-to-life sensation of performing real endoscopic procedures. Upper and lower GI anatomies are conveniently alternated, offering a realistic simulation of upper and lower diagnostic and therapeutic procedures.

## An Ever-Expanding Library of Modules

Simbionix collaborates with medical experts from around the world to create virtual patient cases complete with patient histories, biological test results and imaging results, all based on actual medical data. The comprehensive library of modules provides a curriculum for the training of basic and advanced procedures, starting with general essential endoscopic skills, continuing with simple clinical procedures, and ending with challenging procedures such as ERCP and EUS. These cases are arranged hierarchically from simple diagnostic procedures to advanced therapeutic procedures. Ongoing collaboration with the medical community and in-house software development ensure the continuous growth of our Library of Modules.



### Cyberscopy Module

The Cyberscopy module is aimed at optimizing the acquisition of basic GI endoscopy capabilities. Non-anatomical environments enable focusing on core endoscopic essential skills such as basic scope manipulation, hand-eye coordination and accurate maneuvering of scope and tool.

This module contains two Cyberscopy cases, each supporting two levels of difficulty.



### Upper GI Endoscopy Modules

Two modules containing 20 virtual patient cases of upper GI endoscopy offer a comprehensive training environment. Practicing involves performing a complete survey of the upper GI tract with a forward viewing video-endoscope and identifying typical lesions. These cases provide the opportunity to perform the complete process of diagnosis and therapeutic treatment for diverse virtual patients, with minor to major pathologies.



### Lower GI Endoscopy Modules

Two modules containing 20 virtual patient cases of lower GI endoscopy offer a comprehensive training environment. These modules enable performance of a complete survey of the lower GI tract with an authentic forward viewing video-endoscope. Trainees encounter true to life situations such as intestinal looping and complex colon anatomies, and are required to practice therapeutic procedures such as biopsy and polypectomy.





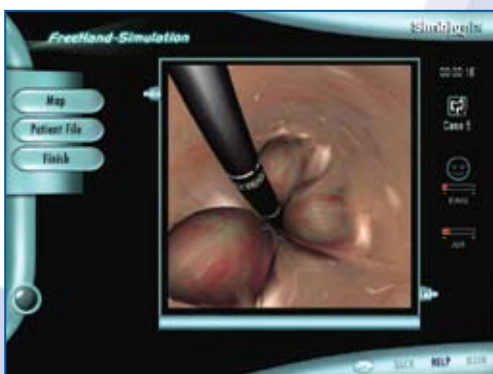
### ERCP Modules

Two ERCP modules containing 20 virtual patient cases provide an advanced ERCP training environment. The ERCP modules feature a split-screen with simultaneous display of endoscopic and fluoroscopic views. A wide variety of endoscopic tools are available for therapeutic procedures such as sphincterotomy, stone extraction and stent placement. This two module set includes a designated duodenoscope for life-like simulation of ERCP procedures.



### Emergency Bleeding Module

This module is comprised of 10 virtual patients exhibiting emergency hemorrhaging in the upper GI tract. These cases require immediate treatment, using a variety of endoscopic tools and procedures. The simulated bleeding incidents are of unpredictable nature, thus helping to prepare the trainee for actual occurrences of bleeding situations.



### Flexible Sigmoidoscopy Module

This module was designed to meet the need for sigmoidoscopy procedures training. The 10 virtual patient cases provide the opportunity to identify numerous pathologies, practice on difficult and unusual anatomies and gain experience with various loop reduction scenarios.



### Endoscopic Ultrasonography Modules (EUS)

The unique EUS module set comprises both educational and didactic task modules to provide the ideal practice environment for endoscopic ultrasonography procedures. The user maneuvers an authentic scope to view a realistic linear or radial real-time ultrasound display. The trainee gains experience in correct scope maneuvering, interpretation of ultrasound images and landmark identification. Special visual aids such as a realistic 3D anatomical representation are at the user's disposal. Objective feedback is available for each performance.



## Main Features

### Educational Environment

Endoscopy trainees can take advantage of the GI Mentor's educational environment as they practice varied virtual patients. Multiple educational aids provide feedback as to scope location, state of the GI tract, problematic occurrences and patient discomfort during the procedure. Each of the educational aids can be enabled or disabled by the instructor per each trainee or virtual case.

### Trainees Management and Evaluation

The GI Mentor enables the instructor to conveniently and efficiently design custom made tutorials, and assign them to selected trainees. The GI Mentor provides elaborate objective measurements and statistics for each performance, thus supporting effective trainee monitoring and evaluation by the instructor.

# Simbionix™

## Simbionix - To Advance Clinical Performance

Founded in 1997, Simbionix is the world's leading provider of simulation, training and education solutions for medical professionals and the healthcare industry.

With its full array of MIS simulators, PROCEDURE Rehearsal Studio™ for case rehearsal and planning, MentorLearn™ Simulator Training Management, and online Simposia Clinical Practice Communities, the company is committed to advancing clinical performance and optimizing procedural outcomes through education and collaboration.

Incorporating the physician's voice into product design and validation processes, Simbionix produces the most comprehensive, reliable and effective solutions for its customers.

## The Simbionix Line of Medical Training Simulators

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### Headquarters

Simbionix USA Corporation  
7100 Euclid Avenue, Suite 180, Cleveland, OH 44103 USA  
Tel +1-216-229-2040, Fax +1-216-229-2070, Toll-free 1-866-SIMBIONIX, or 1-866-746-2466  
infousa@simbionix.com

### Subsidiary

Simbionix Ltd.  
Beit Golan  
Corner of Golan and Hanegev St., Airport City, 70151, Israel  
Tel +972-3-9114444, Fax +972-3-9114455  
info@simbionix.com

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