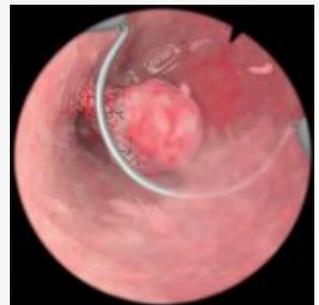
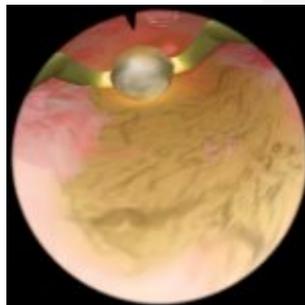




# Hyst Mentor - Hysteroscopy training

PRODUCT NUMBER: 1652



## DESCRIPTION:

The HYST Mentor **hysteroscopy training system** is a comprehensive educational solution.

Quality didactic tutorials are used to introduce and explain “best practice” in core procedural techniques. This is followed by a high fidelity simulation providing a **realistic hands-on experience** that includes mastering instruments and managing complications.

Multiple, **complete hysteroscopy procedures are available** to provide a range and depth of relevant pre-clinical experiences.

## SKILLS:

- Establishing and maintaining a clear view.
- Detecting and coagulating bleeding sources.

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- Practicing fluid handling without putting a patient at risk.
- Experiencing and reacting to one of the most common hysteroscopy complications during simulation
- Perforation of the uterine cavity. Once a perforation occurs in the simulation, the cavity cannot be established and the learner is required to terminate the procedure.

## CASES AND PATHOLOGIES:

### ESSENTIAL SKILLS:

- This module provides a complete curriculum designed for structured integration of hysteroscopy training in OB/GYN residency programs.
- It contains eight different skill exercises with custom-built feedback scores and reports, using an original diagnostic hysteroscope with working channel, providing ideal preparation for the operating room.

### DIAGNOSTIC HYSTEROSCOPY:

- The module offers 12 virtual patients with varying pathologies and with different levels of difficulty.
- The trainee gains experience in the usage of the angled optics, the way to establish clear view and learns to visualize the entire cavity in a safe environment.

### POLYPECTOMY:

- The module offers 8 virtual patients with various polyps in different position and aims at providing training for the first steps in operative hysteroscopy using the loop electrode.

### MYOMECTOMY:

- The module offers 8 virtual patients with varying types of submucosal fibroids (type 0) in different positions with changing levels of difficulty.

### ROLLERBALL ENDOMETRIAL ABLATION:

- The module offers 12 virtual patients with varying pathologies and with different levels of difficulty.
- The trainee gains experience in the usage of the angled optics, the way to establish clear view and learns to visualize the entire cavity in a safe environment.

### ADVANCED RESECTION:

- The Advanced Hysteroscopy Module provides an opportunity for repetitive practice of surgical skills.
- The module includes various patients with advanced gynecologic pathologies and is intended for experienced physicians who already have basic skills in diagnostic and therapeutic hysteroscopy.
- The trainee acquires advanced hysteroscopy skills and prepares for more difficult interventions such as multiple polyps and myomas of type I and II.
- Additional cases with uterine adhesions and a septum, challenge the trainees and provide better preparation for the operation room.

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#### **MORCELLATION:**

- This module contains eight virtual patients with different pathologies, ranging from small to large polyps and myoma to multiple pathologies in one uterine cavity and even intramural parts of the pathology.
- The goal is to remove these pathologies with the morcellator blade and correctly use the scope, the blade and the pump, if you decide to use a fluid management system.

## CHARACTERISTICS:

#### **FEATURES:**

An adapted, original resectoscope is used to provide a complete simulation experience and to facilitate familiarization with hysteroscopic instruments. As in real life, the resectoscope features:

- In – and outlet valves for fluid handling
- Three virtual cameras: 0°, 12° and 30° for diagnostic and therapeutic procedures including a focus wheel
- A passive working element for electro-surgery including a foot pedal for electrosurgical cutting and coagulation in simulated procedures
- An adapted scope with working channel is used in the hysteroscopic essential skills module.
- An original hysteroscopic morcellator is provided with the morcellation module.

#### **PHOTOREALISTIC SIMULATION:**

- Practice basic tasks to complete procedures in various techniques at a range of difficulty levels.
- Perform a safe and effective procedure while efficiently managing bleeding and complications.
- Instructor Control allows creating bleeding, perforation or emergency scenarios (instrument failure, fluid overflow) on demand during a training session.

#### **MASTERING HYSTEROSCOPIS INSTRUMENTS:**

- Work with original scopes: diagnostic hysteroscope with angled optics, loop electrode, laser fiber, scissors, graspers and more.

#### **MANAGEMENT AND ASSESSMENT (ADMINISTRATORS MODE):**

- Creation and organization of new users
- An optional Guest account
- Tracking and assessing skills development of trainees. The objective feedback is archived and always accessible to both trainee and trainer
- Generating extensive statistics of an individual or a group performance, which can also be used for studies and future certification

## ADDITIONAL MODULES:

#### **MENTOR LEARN MANAGEMENT SYSTEM (option):**

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- 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
- Recorded videos of the simulation sessions for debriefing

**TURP MENTOR (option):**

- The TURP Mentor advanced simulation software provides a comprehensive training for TURP, TURB and BPH treatment

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