



**...the definitive laparoscopic skills enhancement and assessment module.**

- **Review/Learn the basics**
- **Practice your skills**
- **Test your knowledge**

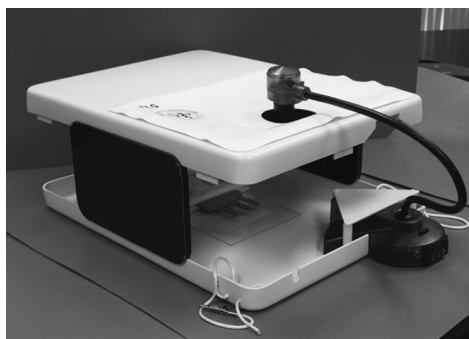
**FLS IS A PROGRAM FOR EVERY GENERAL SURGEON WHO PERFORMS LAPAROSCOPIC SURGERY AND EVERY RESIDENT WHO WILL PERFORM LAPAROSCOPIC PROCEDURES IN THE FUTURE.**

### What is FLS?

FLS is a multi-media, CD-ROM-based education module that includes a hands-on skills training component and assessment tool. FLS is designed to teach the physiology, fundamental knowledge, and technical skills required in basic laparoscopic surgery and assess cognitive knowledge and manual skills through a two-part, proctored exam.



The **FLS Laparoscopic Trainer Box** is a device that facilitates development of psychomotor skills and dexterity. The Trainer Box includes a set of accessories used to simulate specific surgical techniques based on the MISTELS Program developed and validated at McGill University.



### Test Eligibility

FLS candidates are senior surgical residents, fellows and surgeons who perform laparoscopic surgery.



### Why Take the FLS Test?

**Finally!** An education and assessment program that definitively quantifies a candidate's cognitive and manual skills. **FLS** permits learning of minimally invasive techniques in a completely safe environment, without putting patients at risk.

### Where is FLS Available?

**Learn** at your institution or at home at your own convenience.

**Then** you can take both the didactic and manual skills exams at:

- A regional Test Center near you
- The SAGES Annual Meeting and ACS Clinical Congress
- Your own institution if you purchase an education package

### Learner Objectives

**At the conclusion of the program, the participant will be able to:**

- Describe the instruments and equipment used in laparoscopic surgery
- Identify important intraoperative considerations such as anesthesia and patient positioning
- Discuss the physiology of the pneumoperitoneum
- Outline the process of access, trocar placement and abdominal examination
- Demonstrate the technique of laparoscopic suturing
- Provide an overview of biopsy techniques and hemostasis
- Summarize the process of exiting the abdomen and the requirements for postoperative care

### CD-ROM CONTENT

#### Disc One

##### I. Preoperative Considerations

Laparoscopic Equipment  
Energy Sources  
Room Set Up  
Patient Selection & Preoperative Assessment

##### II. Intraoperative Considerations

Anesthesia & Patient Positioning  
Pneumoperitoneum Establishment & Trocar Placement  
Physiology of Pneumoperitoneum  
Exiting the Abdomen

##### III. Basic Laparoscopic Procedures

Diagnostic Laparoscopy  
Biopsy

Laparoscopic Suturing  
Hemorrhage & Hemostasis

##### IV. Postoperative Considerations

Postoperative Care  
Access Injuries  
Pneumoperitoneum  
Procedural Complications

#### Disc Two

##### V. Manual Skills Instruction and Practice

Training Exercises  
Data Analysis



### Accreditation:

The Society of American Gastrointestinal and Endoscopic Surgeons (SAGES) is accredited by the Accreditation Council for Continuing Medical Education (A.C.C.M.E.) to sponsor Continuing Medical Education for physicians. SAGES designates this Continuing Medical Education activity for: 5.5 AMA PRA Category 1 Credits™ for the Fundamentals of Laparoscopic Surgery Program. Each physician should claim only credit that he/she actually spends in the educational activity.

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