The American Board of Obstetrics and Gynecology (ABOG) announced that it is adding a new requirement – **Fundamentals of Laparoscopic Surgery (FLS™)** – for physicians seeking board certification that will ensure that diplomates possess critical skills for the contemporary practice of obstetrics and gynecology (OB-GYN). **The new requirement will apply to residents graduating after May 31, 2020**

[https://www.flsprogram.org/](https://www.flsprogram.org/)

**Components**

1. Web-based study guides
2. Hands-on manual skills practice and training via the FLS Laparoscopic Trainer Box
3. An assessment tool that measure your cognitive and technical skills.

**Web based study guide:**

**Module I – Preoperative Considerations**

- Laparoscopic Equipment
- Energy Sources
- OR Set Up
- Patient Selection / Preoperative Assessment
- Preoperative Assessment

**Module II – Intraoperative Considerations**

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

**Module III – Basic Laparoscopic Procedures**

- Current laparoscopic procedures
- Diagnostic Laparoscopy
- Biopsy
- Laparoscopic Suturing
- Hemorrhage & Hemostasis

**Module IV – Postoperative Care and Complications**

- Postoperative Care
- Postoperative Complications

**Module V – Manual Skills Training**

- Manual Skills Practice
- Manual Skills Training: FLS trainer assembly
- Peg Transfer
- Precision Cutting
- Ligating Loop
- Suture with Extracorporeal Knot
- Suture with Intracorporeal Knot

**Hands On Skills:**
- Peg Transfer
- Precision Cutting → Pattern Cut
- Ligating Loop
- Suture with Extracorporeal Knot
- Suture with Intracorporeal Knot

**Assessment Tool**
- Multiple choice test

**COST**
- Can purchase individually
- Can purchase for institution

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<th>FLS Packages</th>
<th>SAGES/ACS member</th>
<th>Standard</th>
<th>US/Canada Residents</th>
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<tr>
<td>Voucher Package</td>
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<tr>
<td>- FLS Online Didactic Access</td>
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<td>- 1 Testing Voucher</td>
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Education Package

Geared for residency programs in the US and CANADA. US Residents must provide ACGME or AOA Program Accreditation Code to receive discount. The FLS Exam can be taken at any Test Centers, SAGES Annual Meeting and ACS Clinical Congress

- Access to the online Study Guides for up to three users
- 3 Numbered testing vouchers (Additional testing vouchers can be ordered)
- Test Center list with contact information
- Program information, where to test, and how you receive your Certification of Completion
- Ordering Information on Trainer Box and Accessories

Equipment

FLS Limb&Things

Testing Centers

USA – Western Region

- David Geffen School of Medicine at UCLA, Los Angeles, CA
- OHSU Simulation Center, Portland, OR
- The Goodman Simulation Center at Stanford University, Stanford, CA
- Surgical Skills Training Center at the University of Southern California, Los Angeles, CA
- University of California at Irvine, Orange, CA
- Naval Medical Center, San Diego, CA
- University of Hawaii Telehealth Research Institute, SimTiki Simulation Center, Honolulu, HI
- University of Nevada School of Medicine Surgical Skills and Simulation Laboratory, Las Vegas, NV
- Center for Virtual Care, University of California Davis Medical Center, Sacramento, CA
- Madigan Army Medical Center, Tacoma, WA
University of Colorado-Denver Center for Surgical Innovation, Aurora, CO
Banner University Medical Center Phoenix Campus, Phoenix, AZ

USA – Midwest Region

- Institute for Minimally Invasive Therapeutics, Summa Health System – Akron City Hospital, Akron, OH
- North Shore University Health System, Evanston, IL
- Northwestern Feinberg School of Medicine, Center for Advanced Surgical Education, Chicago, IL
- University of Illinois Chicago, Chicago, IL
- University of Cincinnati Department of Surgery, Division of Education, Cincinnati, OH
- The Ohio State University Medical Center, Center for Minimally Invasive Surgery, Columbus, OH
- Loyola University Chicago Advanced Procedure Education Center, Maywood, IL
- Detroit Medical Center, Wayne State University, Detroit, MI
- Cleveland Clinic, Cleveland, OH
- University Hospitals Cleveland Medical Center, Cleveland, OH
- Henry Ford Health System, Detroit, MI
- University of Michigan, Ann Arbor, MI
- Indiana University, Indianapolis, IN
- Saint Lukes Hospital, Kansas City, MO
- Washington University School of Medicine, St. Louis, MO
- University of Nebraska Medical Center Clinical Simulation Lab, Omaha, NE
- University of North Dakota, Fargo, ND
- University of Louisville Paris Simulation Center, Louisville, KY
- University of Iowa Hospitals and Clinics, Iowa City, IA
- Baylor Scott and White Healthcare, Temple, TX
- MITIE – The Methodist Institute for Technology, Innovation and Education, The Methodist Hospital, Houston, TX
- University of Texas-Houston, Houston, TX
- University of Texas Health Science Center, San Antonio, TX
- UT Southwestern Medical Center, Southwestern Center for Minimally Invasive Surgery, Dallas, TX
- Seeger Surgical Simulation Center at Baylor University Medical Center, Dallas, TX
- Texas Tech University Health Sciences Center, Lubbock, TX
- University of Texas Medical Branch- Galveston, Galveston, TX
- William Beaumont Army Medical Center, El Paso, TX

USA – Eastern and Mid-Atlantic Region

- Hospital of the University of Pennsylvania, Penn Medical Clinical Simulation Center, Philadelphia, PA
- Temple University School of Medicine, Measey Institute for Clinical Simulation and Patient Safety, Philadelphia, PA
- Penn State Milton S. Hershey Medical Center, Hershey, PA
- Eastern Hospital, Easton, PA
- UPMC Presbyterian Hospital, Pittsburgh, PA
- Johns Hopkins Minimally Invasive Surgical Training Center, Baltimore, MD
- Uniformed Services University, National Capitol Area Medical Simulation Center, Silver Spring, MD
- Clinical Simulation Center, MedStar Health, Washington, DC
- Mt. Sinai School of Medicine, New York City, NY
- Maimonides Medical Center, Brooklyn, NY
- Roswell Park Cancer Institute, Buffalo, NY
- Montefiore Medical Center, Bronx, NY
- Hartford Hospital, Center for Education, Simulation and Innovation, Hartford, CT
- VCU Sim Center, Richmond, VA
- Inova Fairfax, Falls Church, VA
- Naval Medical Center Portsmouth, Portsmouth, VA
- Baystate Medical Center, Springfield, MA
- Beth Israel Deaconess Medical Center, Carl J. Shapiro Simulation and Skills Center, Boston, MA
- Massachusetts General Hospital, Boston, MA
- Lahey Hospital & Medical Center, Burlington, MA
- University of Massachusetts Medical School, Worcester, MA
- West Virginia University – Morgantown, Morgantown, WV

**USA – Southeastern Region**

- Eisenhower Army Medical Center, Ft Gordon, GA
- Emory University, Atlanta, GA
- Center of Excellence for Laparoscopic and Minimally Invasive Surgery, University of Miami Miller School of Medicine, Miami, FL
- Duke University Medical Center, Durham, NC
- Wake Forest Baptist Medical Center, Winston-Salem, NC
- Greenville Hospital System Healthcare Simulation Center, Greenville, SC
- Medical University of South Carolina in Charleston, SC
- University of North Carolina, Chapel Hill, NC
- USF Health Center for Advanced Medical Learning and Simulation (CAMLS), Tampa, FL
- University of Alabama Surgical Skills Lab, Birmingham, AL
- Tulane Center for Advanced Medical Simulation and Team Training, New Orleans, LA
- Vanderbilt University School of Medicine, Nashville, TN
- University of Tennessee Medical Center, Knoxville, TN