The American College of Surgeons (ACS) and Association for Surgical Education (ASE) have collaborated to develop an exceptional new resource for medical school and clinical faculty: the ACS/ASE Medical Student Simulation-based Surgical Skills Curriculum. This joint program is available through the ACS Division of Education and can be accessed on the ACS website. It provides faculty with a national curriculum that offers medical students:

- Structured, uniform, and consistent learning experiences relating to the essential surgical skills needed by all physicians
- A solid foundation for further training

The simulation-based modules can be used to teach clinical skills ranging from taking a history and conducting a physical examination to performing basic surgical procedures. Topics are aligned with the year during which they are most commonly taught.
### ACS/ASE Medical Student Simulation-Based Surgical Skills Curriculum

**YEAR 1**
- **Module 1:** Abdominal Exam
- **Module 2:** Basic Vascular Exam
- **Module 3:** Breast Exam
- **Module 4:** Digital Rectal Exam
- **Module 5:** Female Pelvic Exam
- **Module 6:** Male Groin and Genital Exam
- **Module 7:** Universal Precautions
- **Module 8:** Venipuncture and Peripheral IV

**YEAR 2**
- **Module 1:** Basic Airway Management
- **Module 2:** Communication—History and Physical and Case Presentation
- **Module 3:** Foley Bladder Catheterization
- **Module 4:** Intermediate Vascular Exam
- **Module 5:** Nasogastric Tubes
- **Module 6:** Sterile Technique—Gloving and Gowning
- **Module 7:** Surgical Drains—Care and Removal

**YEAR 3**
- **Module 1:** Arterial Puncture and Blood Gas
- **Module 2:** Basic Knot Tying
- **Module 3:** Basic Suturing
- **Module 4:** Central Venous Line Insertion
- **Module 5:** Communication—During Codes and Safe and Effective Handoffs
- **Module 6:** Intermediate Airway
- **Module 7:** Intraosseous IV
- **Module 8:** Local Anesthetics
- **Module 9:** Paracentesis
- **Module 10:** Thoracentesis
TAKE ADVANTAGE OF THESE FEATURES

The curriculum modules are self-contained and can be used as free-standing learning activities or in a stepwise fashion as part of the entire curriculum. Modules can be implemented in a proctored small or large group setting, or individually.

Features include:

• Objectives, assumptions, and suggested readings
• Step-by-step descriptions of techniques, tasks, and procedures with images
• Discussion of common errors
• Expert performance videos
• Assessment tools for scoring student performance and providing feedback
• Descriptions of the simulation laboratory models, including suggested stations, supplies, and set-up

CONVENIENT AND EASY TO ACCESS

The 25 modules are available at www.facs.org/education/program/simulation-based.

Faculty and students can access the modules by creating a personal log-in and password.

For additional information, please contact Krashina Hudson at khudson@facs.org or 312-202-5335.