ACS/ASE MEDICAL STUDENT SIMULATION-BASED SURGICAL SKILLS CURRICULUM

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FOR ADDITIONAL INFORMATION:

Please contact Krashina Hudson at khudson@facs.org or 312-202-5335
or visit *facs.org/education/program/simulation-based.*

A COMPREHENSIVE RESOURCE FOR MEDICAL SCHOOL AND CLINICAL FACULTY

The American College of Surgeons (ACS) and Association for Surgical Education (ASE) have collaborated to develop an exceptional 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.

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ACS/ASE MEDICAL STUDENT SIMULATION-BASED SURGICAL SKILLS CURRICULUM

CONTENT INCLUDES:

YEAR 1		
Module 1:	Acute Bleeding—Packing and Tourniquet*
Module 2:	Abdominal Exam
Module 3:	Basic Vascular Exam
Module 4:	Breast Exam
Module 5:	Digital Rectal Exam
Module 6:	Female Pelvic Exam
Module 7:	Male Groin and Genital Exam
Module 8:	Universal Precautions
Module 9:	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
Module 8:	Wounds—Basic Principles*

YEAR 3		
Module 1:	Arterial Puncture and Blood Gas
Module 2:	Basic Gastric Tube Placement and Care*
Module 3:	Basic Knot Tying
Module 4:	Basic Splinting—A Universal Physician's Skill*
Module 5:	Basic Stoma Care*
Module 6:	Basic Suturing
Module 7:	Central Venous Line Insertion
Module 8:	Communication—During Codes and Safe and Effective Handoffs
Module 9:	Intermediate Airway
Module 10:	Intraosseous IV
Module 11:	Local Anesthetics
Module 12:	Lumps and Bumps*

YEAR 3		
Module 13:	Paracentesis
Module 14:	Thoracentesis
Module 15:	Ultrasound Basics*

YEAR 4		
Module 1:	Organ-Specific Ultrasound Diagnosis*

Indicates new modules

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 33 modules are available at:
facs.org/education/program/simulation-based

Faculty and students can access the modules on the ACS Learning Management System by using their ACS username and password. If not a member, a username and password can be created.