

ACS/ASE MEDICAL STUDENT SIMULATION-BASED SURGICAL SKILLS CURRICULUM

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DANIEL B. JONES, MD, FACS
KATHLEEN R. LISCUM, MD, FACS

FOR ADDITIONAL INFORMATION:

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

FOR ALL
MEDICAL
STUDENTS

ACS/ASE MEDICAL STUDENT SIMULATION-BASED SURGICAL SKILLS CURRICULUM

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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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

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 with their ACS username and password. If not a member, a username and password can be created for access.