

Preclerkship Curriculum

The Yale School of Medicine Simulation curriculum extends from the White Coat Ceremony to Graduation. During the first 18 months of medical school, Yale medical students participate in eight simulation scenarios using high fidelity manikin simulators. The first session occurs during the first two weeks during the Introduction to the Profession course. Students participate in an additional eight scenarios that align with the Master Courses: Scientific Foundations, Genes and Development, Attacks and Defenses, Homeostasis, Energy and Metabolism, Connection to the World. These simulations are designed to provide students with clinically relevant cases that correlate with their basic science education. There are critical actions related to clinical management and teamwork/communication skills.

Clerkship Curriculum

Students participate in simulation sessions at YCHS during each of the 12 week interdisciplinary clerkship blocks. Simulations occur during:

- The Medical Approach to the Patient: Internal Medicine (4) and Neurology (2)
- The Surgical Approach to the Patient: Surgery/Emergency Medicine (11) and Emergency Medicine (4)
- Women and Children's Health: Obstetrics & Gynecology (4) and Pediatrics (4)
- Biophysical Approach to Health: Primary Care and Psychiatry (1)

Electives

Medical Simulation Elective: During this two-week elective at the Yale Center for Healthcare Simulation (YCHS), students gain an immersive experience participating in medical simulation for medical education within the Yale School of Medicine. Students participate as learners in high-fidelity medical simulation cases and procedural sessions on topics related to the students' desired specialty/topic of interest. Students also participate in medical simulation as educators and facilitators by participating as actors in medical simulation cases for medical students and residents rotating through YCHS. Students have the opportunity to participate in all educational activities within YCHS including simulation cases, debriefing sessions, procedural sessions, and in-situ simulations (simulations that take place in the clinical environment). Students also create and program a medical simulation case on their topic of interest under the mentorship of YCHS faculty, using evidence-based medicine resources. Students are given one-on-one instruction on how to program their case. Students can also participate in a simulation debriefing course, and simulation-based medical student preceptor sessions.

Capstone

Just prior to matching into residency, students participate in "Night on Call". During these four sessions, students experience a sense of what their first night of call as interns will be like. In groups of 2-3 students, they receive "sign out" from the daytime intern and then are called by a nurse about a patient on the hospital floor. The students must decide if the issue can be managed on the floor, requires their presence at the patient bedside or needs to be escalated to a higher level of care. Each session is debriefed by a YCHS faculty member.