The Clinical Skills Education and Assessment Center

Overview
The Clinical Skills Education and Assessment Center is a cornerstone of clinical education for future healthcare professionals at The Ohio State University. The mission of the Center is to develop competent, caring healthcare professionals who have the skills necessary to provide high-quality care and who are committed to improving people’s lives through personalized health care.

For medical students, that means developing the skills necessary to apply medical knowledge, to gather information from and examine patients, and to communicate findings to patients and colleagues, all of which are necessary for optimal patient care.

ABOUT THE CENTER
Located on the sixth floor of Prior Hall, the Clinical Skills Education and Assessment Center is a high-fidelity simulation area that provides a low-risk, safe learning space for students, residents and other medical trainees to practice a wide variety of medical procedures. As a medical student at Ohio State, you will have an opportunity to practice procedures using the most advanced simulation technology available today.

To help you prepare for interacting with actual patients, the Ann Crowe Essig Patient Simulation Learning Laboratory offers a learning environment for practicing your patient history-taking and physical examination skills on standardized patients—healthy individuals who are trained to simulate patients with a disease or a particular set of symptoms. Video recording of sessions provides an additional opportunity for skill development through faculty review and feedback.

INSIDE THE CENTER
The sixth floor of Prior Hall contains 18,000 square feet of space and houses the Center’s human patient simulators and virtual reality training equipment. Students are instructed in common procedures, including suturing, cardiac monitoring, endotracheal intubation, ultrasound and more. The Center features wireless networking for laptop and palmtop computers as well as videoconferencing capabilities.

Four virtual critical care bays allow trainees to use the same equipment found in hospitals, which leads to more confidence in the real setting. The virtual OR is equipped with a surgical boom, OR table, instrument table and monitors. The Procedure room has an endoscopy and bronchoscopy simulator as well as laparoscopic trainers and robotic surgery simulators.

Flexible spaces are designed to support greater interdisciplinary interaction with other health sciences trainees. The virtual critical care bays, for example, allow trainees from disciplines such as pharmacy, occupational and physical therapy, and nursing to work together on patient scenarios in rooms set up to simulate a surgery operating room, an emergency room trauma bay or an intensive care unit.

The Center facilitates in situ simulations—realistic simulations that are performed in the clinical environment—using portable human patient simulator mannequins and recording equipment. These simulations provide a method for improving reliability and patient safety in high-risk areas.

Outstanding Features of the Simulation Area
- 18,000 square feet of practice space
- Four virtual critical care and surgery bays with observation and control station
- A surgery teaching laboratory
- Five technical lab and debriefing rooms
- An ultrasound room
- A 70-seat seminar room
- Electronic signage
- Staff offices and conference room

The Essig Patient Simulation Lab
- Fourteen patient encounter rooms equipped with ceiling-mounted cameras
- Digital recording systems
- Wireless connectivity, allowing ready Internet access for devices and laptops
- Videoconferencing capability
- A swipe-card system to identify trainees and initiate audio-video operations
- A one-way glass panel and headset outside each exam room
- On- and off-site observation of trainee patient encounters