

# CHARLES E. SCHMIDT COLLEGE OF MEDICINE AT FLORIDA ATLANTIC UNIVERSITY

## Simulation Center Fact Sheet

The Simulation Centers operated by the Charles E. Schmidt College of Medicine at Florida Atlantic University provide some of the best patient care simulation experiences in the region. Using high-tech facilities, expert staff and the most realistic training environments available, the centers provide healthcare simulation for a broad spectrum of providers and applications. Hands-on simulation assists both individuals and teams to develop the awareness and acumen that is best learned and practiced in realistic conditions. The centers have already developed and implemented more than 100 scenarios for use in the simulation labs, with each simulation requiring approximately 40 hours of staff time to develop, evaluate, revise and implement. Many of the scenarios can be modified to create



unlimited new events that require response from the participants. This experience translates into improved real-time communication, teamwork and collaboration to address key issues in crisis management.

The Simulation Center located on the Florida Atlantic Research and Development Park on FAU's Boca Raton campus utilizes a state-of-the-art simulation laboratory to provide safe and effective practice for healthcare students and providers in an effort to reduce and ultimately eliminate preventable adverse events. A second simulation center is located in West Palm Beach at the Mollie Wilmot/Palm Healthcare Pavilion to serve the northern region of Palm Beach County and counties further north.

Both centers have been created as model emergency rooms with four stations for patient treatment. The rooms are fully equipped with gurneys, monitors, IV poles, defibrillators, blood pressure cuffs, simulated oxygen ports, and all equipment and supplies that are required to respond to medical emergencies.



## BENEFITS

- Improves psychomotor skills and clinical decision-making
- Reduces medical errors through improved communication and teamwork
- Scenarios can be created to expose medical professionals to known error-producing conditions without any risk or harm to patients or staff
- Scenarios can be modified to create unlimited new events that require response from the participants
- Educators can ensure a reproducible curriculum for all trainees

## TRAINING

- Medical students
- Resident Training and Assessment
- Advanced Custom Nurse Training
- Medical Reserve Corp Training
- First Responder Training