



Judith and Marvin Herb Family Simulation Center

NCH Center for Philanthropy



Quality patient care is always the driving force behind all NCH initiatives. NCH Healthcare System is building a 10,000 square foot, state-of-the-art facility that will serve as a simulation center. The Judith and Marvin Herb Family Simulation Center (Herb Simulation Center) will be an invaluable resource for our healthcare system and the Southwest Florida community.

What is a Simulation Center?

Simulation is an experiential learning process for adult learners through active participation and subsequent review and reflection. Through simulation education, the healthcare team can be optimized, thus bridging the gap between knowledge and higher-level performance.

Traditionally, healthcare and medical education have been focused on classroom lectures and clinical observation. These training methods result in 10 - 40% retention of subject matter. Simulation training results in 90% retention of learning material.

Simulation training begins by completing a needs assessment. This assessment identifies the gap between where you are and where you want to be. Much of simulation is conducted in scenarios, including a pre-briefing, active participation in a simulation scenario, followed by debriefing sessions.

This NCH multi-disciplinary simulation center will allow recruitment and retention of the best healthcare workers. It will include the ability to educate and maintain proficiency with professional skills, optimize teamwork, build communication skills and drive quality improvement and patient safety.



Impact/Outcomes

From basic medical problems to critical life-threatening situations, the Herb Simulation Center will provide learners with procedural skills, scenario-based training, opportunities for improved teamwork, communication and inter and intra professional training.

The simulation center and its amenities will be available as a resource for private medical practices, local schools, universities, EMS, and police training.

The Herb Simulation Center will focus broadly on all staff at NCH, including physicians, nurses, medical residents, students, technicians, ancillary staff, pharmacy, physical therapy, occupational therapy, speech therapy, social work and clerical staff.

With the Herb Simulation Center, NCH will continue to grow as an institution to a regional healthcare system of excellent patient care and education.

Capabilities

The Herb Simulation Center will be comprised of operating rooms, an ICU/ER, classrooms, pre- and post-briefing rooms, procedural skills lab, control rooms and offices. All settings are configured to the exact replication of the hospital inpatient experience.



Take a Tour of the Herb Simulation Center

Director's Office

The Medical Director will be essential to the success and growth of the Herb Simulation Center. This team will recruit additional faculty members, including physicians, nurses, educational specialists, and simulation technicians.

Debriefing Room

After simulation exercises or training, the Debriefing Room is where learners reflect and optimize their performance. The Debriefing Room will feature natural light, calm and soothing design aesthetics, as well as state-of-the-art technology to enhance the educational experience.

Classrooms

The simulation center's classrooms are complete with state-of-the-art learning technology. Classrooms will have the ability to scale up or down, depending on the number of learners while keeping an attentive environment.

Operating Room

The Operating Room will feature all the amenities and functionality of a real OR. This room will be used by surgeons to improve their skill sets, safety procedures, and outcomes. It will also allow for new surgical technologies to be brought to NCH before being introduced to the hospital for patient care.

Intensive Care Unit/Emergency Room

The ICU/ER will teach all providers, including medical students, residents, nurses, physicians, clinical technicians, and unit secretaries the necessary range of skills for this fast-paced, high-stress environment. This room will serve as a multi-disciplinary approach to a highly collaborative setting.

Procedural Skills Lab

This lab will be the central location to optimize procedural skills and introduce new competencies to a wide range of learners. This space will be open to all healthcare providers at NCH to optimize their learning and hands-on techniques.

Control Rooms

The Control Rooms are adjacent to the simulation rooms and include a one-way mirror that allows educators to see learners in real-time. From the Control Room, the lead educator and simulation technician can adjust the room environment from light, sound, temperature, and function to optimize the learning experience.

Simulation Rooms

The Simulation Rooms are constructed to look and feel like a real hospital room, intensive care unit, or emergency room. In the simulation rooms, actors or manikins realistically play out scenarios that require different levels of care. This allows for hands-on education and experience that is not only about technique but also human response.

