RIVERSIDE CITY COLLEGE
SCHOOL OF NURSING

Policy and Procedure: Simulation Environment and Equipment

In the Parkview Community Hospital Virtual Hospital (PCMCVH) and School of Nursing (SON) Learning Labs (LLs) there are low, medium, and high-fidelity task trainers and Human Patient Simulators (HPS) that are specifically designed to assist participants in applying their knowledge, skills, and attitudes needed to provided quality, safe, evidence-based, patient-centered care. The PCMCVH has 4 simulated patient rooms, a nurse's station, and medication/supply room. The Learning Labs have 18 multi-use, curtained, patient care spaces. These areas are designed to provide participants with realistic learning activities and contextualized clincal situations.

The PCMCVH is 1,813 square-feet and the entirety of its space is dedicated to simulation. The LLs are 8,426 square feet and can be used as an extension of the PCMCVH based on learning outcomes and objectives, lecture space, or a place to conduct clinical nursing skills labs.

The PCMCVH also houses audio-visual equipment such as multiple in-room cameras and microphones, editing software, remote viewing options, and video monitoring that allows facilitators to view and manage the simulation educational activity, using specialized software, outside of the simulation room.

The RCC SON has many different types of HPS which include low (task trainers), medium, and high fidelity.

High-Fidelity HPS: 3 adults, 1 obstetric, 1 child, 1 newborn

Medium-Fidelity HPS: 16 adults, 1 obstetric, 1 child

Low-Fidelity Task Trainers: 6 Tracheostomy models, 20 infants, 2 static pediatric manikins, 2 male/female catheterization models, 2 stoma models, 2 wound care models, 2 breast models, 1 testicular model, 10 Central Venous Device Access (CVAD) models, 12 Intravenous (IV) arms, 3 Leopold's models, and 20 injection bellies.

Equipment: 12 motion-recorded cameras, 6 microphones, 2 automated medication dispensing units, 6 workstation of wheels, 22 patient care headwalls, 22 Hill-Rom beds, 2 newborn warmers, 1 pediatric crib, 2 defibrillators, bladder scanner, 2 crash carts, 2 ventilators, 22 SimPads, IV pumps, PCA pumps, enteral feeding pumps, CPM machine, traction device.

Replicas: Medical-Surgical, Intensive Care, Pediatrics, and Labor & Delivery hospital rooms including functional simulated oxygen flow meters and suction units, IV

equipment, patient lifts, vital sign machines, flat screen TV, and patient care whiteboards.