

BLESSING-RIEMAN COLLEGE OF NURSING & HEALTH SCIENCES



SIMULATION CENTER STUDENT HANDBOOK

Vision

Blessing-Rieman College of Nursing & Health Science's Simulation Center is committed to providing the best nursing and health sciences education for our students. At the core of our work is the transfer of theoretical knowledge into clinical practice. This is accomplished by caring for a simulator or standardized patient in a safe environment. Caring for a simulated patient includes working as a team, prioritizing care, advocating for the patient and family, and effectively communicating with the health care team. In addition, the simulation environment is a key component in building confidence in clinical practice by fostering independence and developing leadership skills.

Purpose

The use of simulation-based teaching helps students practice evidence-based nursing and integrate whole person nursing care, critical thinking, and communication skills in a risk-free, hands on learning environment. Providing "care" to a simulator or a standardized patient allows the student to bring theory into practice. This enhances their self confidence and performance in the clinical area.

Advantages of Learning in a Simulation Environment

1. The student will have hands on experience with caring for a simulator or standardized patient in a safe environment before they interacting with a clinical patient.
2. The simulators allow students to practice their assessment skills in depth by listening to normal and abnormal lungs, heart, and bowel sounds.
3. Students can experience a specific simulated skill/procedure/clinical scenario/therapeutic communication prior to entering inpatient, outpatient or community sites.
4. The audio visual system can record each scenario and give students and faculty the opportunity to review each case during a debriefing session.
5. Common and uncommon clinical experiences can be created, replicated and practiced by students.
6. The Simulation Center provides a safe setting for students who need remediation.

The Simulation Center

The Simulation Center is located in the Blessing Education Center at 5009 Oak Street in Quincy, Illinois. The center is a learning environment where students learn via vignettes, scenarios, and structured feedback. Our family includes three adults, a one-year old, a five-year old, a preemie and a birthing mother and newborn simulators. These simulators can demonstrate a multitude of clinical functions which include, in part, palpable pulses, a variety

of heart, lung and bowel sounds, and can display an extensive number of cardiac arrhythmias. Each simulator is able to speak and make sounds such as coughing and vomiting. Various tubes such as intravenous, endotracheal, nasogastric, urinary catheters and chest tubes may be realistically inserted into many of the simulators. Real “Codes” can be simulated and CPR may be performed on all the simulators including the capability of evaluating student performance. Each of these simulators can have different personalities programmed as they can react to treatments being performed on them, therefore all simulators should be treated with the same respect and dignity one would treat a real patient.

Every simulation room is equipped with two video cameras to observe and record students in the simulation experience. During simulated clinical experiences, recording may be used for synchronous viewing, debriefing, and for other educational purposes.

Latex Products Disclosure

1. There are latex products in the Simulation Center.
2. All the simulators contain some latex.
3. Whenever possible, latex free products and equipment have been purchased for the Simulation Center.
4. Individuals who have a sensitivity to latex are responsible for notifying clinical and simulation faculty prior to the simulation.
5. Any student who has a known latex allergy must notify the faculty member leading the simulation prior to the simulation experience so appropriate precautions can be taken.
6. If any individual has an acute hypersensitivity reaction, notify a faculty member IMMEDIATELY and the appropriate protocols will be followed.
 - a. In the event of an acute hypersensitivity reaction, the faculty will initiate contact to emergency services to transport the student to the Emergency Department.
 - b. In the event of a non-emergent reaction, the student is responsible for seeking follow up medical care as needed.

Simulation Learning Center Policies

General

1. Students are not allowed in the Simulation Center unless they are accompanied by faculty.
2. Any student who has a known latex sensitivity/allergy must notify the faculty member leading the simulation prior to the simulation experience so appropriate precautions can be taken.
3. Students are required to have a signed Professional Integrity and Confidentiality Agreement on file.
4. Students may be observed by additional faculty members, students and/or clinicians/educators from outside agencies who are there to learn about the simulation process and are not there in an evaluative capacity.
5. These policies and practices can change at any time to further enhance the safety and learning experience.

Professional Behavior/Preparation

1. All students must arrive on time in full clinical uniform with personal stethoscopes. The BRCN Clinical Dress Code will be followed in its entirety.
2. Students must arrive to the simulation experience with assigned simulation prep completed and printed. Do not assume the computer lab in the Simulation Center will be available to print.
3. While students are in the simulation room, be aware that audio and video recording devices are being utilized.
4. Universal precautions are to be utilized at all times in the Simulation Center. There are sinks in the rooms, foam dispensers on walls and gloves available for use.
5. Students must conduct themselves in a professional manner in the Simulation Center. Failure to do so will result in dismissal from the simulation and disciplinary action may occur.
6. Students must not be in a simulation room unless they are participating in a simulation in that room.

Equipment/Environment

1. Laptops are available in the simulation rooms as a resource. Mobile devices are allowed only with permission of the clinical/simulation faculty for the purposes of looking up information related to the simulation. Mobile devices must not be used for personal use.
2. Students will be held responsible for damage to the equipment as a result of not following the Simulation Center policies.
3. Misuse of any equipment by any student may result in dismissal from the simulation and disciplinary action may occur.
4. Absolutely no food or drink is permitted in the simulation rooms or nurses' station.
5. All users of the simulation room are required to ensure that at the end of the session the room is clean and tidy and ready for use by the next group.
6. Dispose of sharps safely and appropriately in marked sharps containers.
7. The removal of any items from the Simulation Center is strictly prohibited unless permission is received from the Simulation Center Coordinator.
8. Do not move the simulators from their beds unless directed to do so by a faculty member.
9. Notify your faculty member if any equipment is broken, missing or needs to be replaced.
10. "Real" Defibrillation does not occur in our simulation environment on the simulators. Defibrillator may only be used at 30J and the shock will be delivered to the testing port of the defibrillator.
11. If a student has an accidental needle stick or is injured in any way immediately stop what you are doing and notify the faculty member present.
12. No markers, pens or betadine preparations are allowed near the simulators as these substances cannot be removed.
13. Students must not touch any equipment in the simulation room except equipment they are directly using.
14. Please notify your faculty member if any supplies need to be restocked (e.g. gloves).

Professionalism Code of Conduct and Confidentiality Guidelines

1. Students are expected to keep all events, procedures, and information used in conjunction with the simulation strictly confidential. This includes pre-simulation prep, simulation scenarios, and the debriefing period. Our goal is to offer standardized simulation throughout the curriculum, breaching confidentiality may impede on learning opportunities.
2. All information is to be treated as real patient information abiding by HIPPA regulations.
3. Students are expected to treat the simulator as a real patient.
4. Students should treat the simulation as a real clinical experience and should not attempt to speak to observers, clinical faculty, or simulation faculty from the patient room. If a student has questions for these individuals, they should excuse themselves from the patient room as they would do on the clinical floor.
5. Students should support and guide their peers in a positive and professional manner during the simulation and the debriefing period.
6. Students who are observers/recorders will participate by maintaining professional demeanor and be prepared to participate fully during debriefing sessions. Each member of the group can add to the learning of the group as a whole.
7. Students are to complete/review any preparation materials that faculty has provided prior to the start of simulation in order to safely care for the patient.
8. Students will complete evaluations/reflections at the end of each simulation scenario and submit to clinical faculty by the date specified.