

SIMULATION

**Terri L. Walker, MSN, RN
Nursing Education Consultant
Oklahoma Board of Nursing**



What is Simulation?

- **Simulation**

A learning experience which replicates some or all essential aspects of clinical experiences using one or more typologies to promote, improve and/or validate student achievement of student learning outcomes.

What is a Simulated Patient Care Experience?

- **Simulated Patient Care Experience (SPCE)**

Pertaining to or founded on simulated assessment and care of individuals, families, or groups in health care settings, as distinguished from theoretical. Learning in simulated clinical environment(s) permits opportunities for application of nursing practice during pre-briefing (briefing), simulation, debriefing, and evaluation of the simulation. Standardized patients, medium or high simulation fidelity mannequins are required for SPCE. The experience allows the students to incorporate critical thinking, nursing processes, and nursing actions to meet student learning outcomes and manage the situation in a safe simulation learning environment.

Simulation Learning Environment

- **Simulation Learning Environment**

A physical location which can be included within or ancillary to the clinical skills laboratory which has current, appropriate, and adequate financial support, equipment, supplies and resources to meet student learning outcomes within established budget.

Simulated Patient Care Experience (SPCE) for Registered and Practical Nursing Programs Guidelines

PURPOSE:

- Fully approved nursing programs may substitute up to 30% of simulated patient care experiences (SPCE) for clinical hours for each clinical course consistent with Oklahoma Board of Nursing (**OBN**) **Rule OAC 485:10-5-4.1(i)**. This guideline is applicable to students enrolled in nursing education programs leading to licensure as a Registered Nurse or Licensed Practical Nurse.

Board *Rules*

CURRENT RULE: O.A.C. 485:10-5-4.1 (i) Nursing education programs on full approval status may substitute up to 30% of simulated Patient Care Experiences (SPCE) for clinical hours for each clinical course. Programs not on full approval status must obtain Board approval to substitute simulation for clinical courses.

PROPOSED REVISION to RULE: O.A.C. 485:10-5-4.1(i) requires 300 total program clinical hours prior to substituting 30% simulation for clinical hours for each clinical course.”

Standardized patients, medium or high simulation fidelity mannequins

- **Standardized patients:**

A person trained to consistently portray a patient or other individual in a scripted scenario for the purposes of instruction, practice, or evaluation.

Standardized patients, medium or high simulation fidelity mannequins

- **Medium Fidelity Mannequins**

SPCE with focused objectives to allow students to problem solve, perform a skill, and make decisions using simulator mannequins having programmable breath sounds, heart sounds, and/or pulses.

Standardized patients, medium or high simulation fidelity mannequins

- **High Fidelity Mannequins**

SPCE using full scale computerized human patient simulators or standardized patients that are extremely realistic and provide a high level of interactivity and realism for the student which allows for sequential decision-making events within an environment that mimics a clinical setting.

You Don't Use!

- Low Fidelity Mannequins
- Virtual Computer-Based Simulation

AND remember that SPCE is not return demonstration/competency check off of all skills included within the SPCE – these are completed prior to the SPCE and do not count in the hours. Skill acquisition and task training alone, as in the traditional skills lab, do not qualify as SPCE and therefore does not meet the requirement for clinical learning experience (clinical hours)

SPCE

- One hour of SPCE is equal to one hour of clinical learning!
- SPCE begins with prebriefing to the end of the exercise and includes student prep (on/off-site).
- If a course has 300 hours of clinical, you can have 90 hours of SPCE (30%)

The Clinical Scenario

- The plan of an expected and potential course of events for a simulated clinical experience.
- Provides the context for the SPCE
- Important!

The Clinical Scenario Includes

- Student Prep
- Pre-briefing (briefing)
- Patient Information
- Student Objectives! Student Learning Outcomes!
- Environmental Conditions
- Equipment needed
- Roles, expectations or limitations
- Progression Outline
- Debriefing
- Evaluation Criteria (just like clinical!)

And you will need!

- A Faculty Facilitator!

Model For Simulated Patient Care Experiences

- Preparation is the responsibility of the faculty facilitator and includes multiple steps -

What Documentation Does the OBN Expect

- The Guidelines are the KEY!

