


Date: 6/2024	Dosage Calculation and Safe Medication Administration #201	Pages: 1 of 3
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PURPOSE

This policy ensures that all nursing students demonstrate proficiency in dosage calculations, a critical component of clinical competence. This policy provides a standardized procedure for administering Dosage Calculations and Proctored Assessments, setting clear expectations for performance, remediation, and the consequences of failing to meet proficiency standards.

SCOPE

This policy applies to all Joseph F. McCloskey School of Nursing students who must complete the Dosage Calculations 3.2 Proctored Assessments. The policy covers the administration, completion, and remediation processes associated with these assessments, which are mandatory requirements for clinical rotations.

DEFINITIONS

Dosage Calculations 3.2 Proctored Assessments: A series of online proctored exams designed to assess a student's ability to accurately perform safe dosage calculations, critical for clinical competence in various nursing content areas.

Proficiency: The achievement of an 85% higher on the Dosage Calculations 3.2 Proctored Assessment demonstrates the student's competency in dosage calculations.

Remediation: The process by which a student who fails to achieve the required standard is provided with additional support and educational resources to improve their skills before reattempting the assessment.

Clinical Rotations: Practical, hands-on training experiences in healthcare settings are essential to nursing education.

POLICY

Dosage Calculations 3.2 Proctored Assessments are a group of online assessments that provide data measuring a student's ability to accurately perform safe dosage calculations as part of clinical competence in specific content areas. Many item types are fill-in-the-blank calculations; there are also multiple-choice items. The proctored assessments provide content-specific percentages correction and performance by outcome.

Dosage Calculations 3.2 Proctored Assessments consist of assessment forms in the following content areas: Fundamentals, Adult Medical Surgical, Pediatric Nursing, Mental Health, Maternal Newborn, and Critical Care. Each assessment has 25 scored items and ten unscored items related to the appropriate dosage calculations of medications.

Test Description

35 questions 90 minutes

Each class has a coinciding Dosage Calculation and Safe Medication Administration proctored exam. Students must take the exams as a "ticket" to begin clinical. Before taking the exam, students must complete the practice exam for the related proctored exam. This will be a requirement before sitting for the proctored exam. If the practice exam is not completed, students cannot sit for the exam, and it will be considered their first Attempt.

Proficiency and Remediation Guidelines

Students must achieve an 85% to show proficiency to attend clinical. If they score <85%, the student must remediate and meet with a tutor before a second attempt. If a third attempt is necessary, the student must complete all Dosage Calculation and Safe Medication administration modules associated with the exam and meet with the tutor again. If the student does not successfully achieve an 85% by the third exam, the student will work with faculty regarding clinical rotations and will be required to meet with the School of Nursing Director. The Nursing Director will meet with the student and decide if they can continue in the nursing program.

PROCEDURE

1. **Assessment Requirements:** Students must complete a practice exam before taking the Dosage Calculation 3.2 Proctored Assessments. Failure to complete the practice exam will make the student ineligible to sit for the proctored exam, which will count as their first Attempt.
2. **Proficiency Standard:** Students must score 85% or higher on the Dosage Calculation 3.2 Proctored Assessments to demonstrate proficiency. This proficiency is required for eligibility to participate in medication administration during clinical rotations.
3. **Remediation Process**
 - **First Attempt (<85%):** Students scoring below 85% must meet with a tutor and complete assigned remediation before a second attempt.
 - **Second Attempt (<85%):** If a student fails to achieve 85% on the second Attempt, they must complete all related modules and meet with a tutor again before attempting the exam for a third time.
 - **Third Attempt (<85%):** Failure to achieve 85% by the third Attempt will result in the student being ineligible for medication administration during clinical rotations and will require a meeting with the School of Nursing Director to determine their ability to continue in the program.

Joseph F. McCloskey
School of Nursing



REVIEW and APPROVAL: Curriculum Committee