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Owner Faculty Organization  
Policy Area College of Nursing CNG  
Applicability MVHS

## Dosage and Calculation Across the Curriculum, CNG-100.6

### PURPOSE

To define the standards for dosage calculation as the student progresses through the curriculum. The faculty recognizes that skill and accuracy in dosage calculation is critical to the provision of safe client care.

### SCOPE

Students, Faculty

### REFERENCES

### DEFINITIONS / ABBREVIATIONS

QSEN – Quality and Safety Education for Nurses

Critical behaviors: essential attributes of a professional nurse that ensure safety and professionalism in the clinical setting

### PROCEDURE / DIRECTIVE

#### 1. First Semester:

- A. Dosage calculation will be taught in the first semester according to the course objectives.
- B. A component of NUR141 is a series of dosage calculation exams. The grades on the exams will be incorporated into the total course grade.
- C. The scheduling of these exams will appear on the course calendar.
- D. The student will be offered remediation before the next scheduled exam if they score below an

80%. Remediation activities are reviewed with the student by the faculty.

- E. Remediation will be documented on the Faculty Tutoring Log.
- F. Clinical objectives related to safe medication administration inclusive of the calculation of accurate dosing is included on the **NUR116** clinical evaluation as a critical behavior. A final evaluation of "0" in a critical behavior constitutes a clinical failure of **NUR116**.

## 2. Second Semester:

- A. Review of dosage calculation will occur in the second semester according to the course objectives. This content is applicable to all subsequent nursing courses.
- B. A component of **NUR142** is a series of dosage calculation exams. The grades on the exams will be incorporated into the total course grade.
- C. The scheduling of these exams will appear on the course calendar.
- D. The student will be offered remediation before the next scheduled exam if they score below an 80%. Remediation activities are reviewed with the student by the faculty.
- E. Remediation will be documented on the Faculty Tutoring Log.
- F. Clinical objectives related to safe medication administration inclusive of the calculation of accurate dosing are included on the **NUR118** clinical evaluation as a critical behavior. A final evaluation of "0" in a critical behavior constitutes a clinical failure of **NUR118**.

## 3. Summer Practicum

- A. Dosage calculation exams will be incorporated into **NUR122**. The grades on the exams will be incorporated into the total course grade.
- B. The scheduling of these exams will appear on the course calendar.
- C. The student will be offered remediation before the next scheduled exam if they score below an 80%. Remediation activities are reviewed with the student by the faculty.
- D. Remediation will be documented on the Faculty Tutoring Log.
- E. Clinical objectives related to safe medication administration inclusive of the calculation of accurate dosing are included on the **NUR122** clinical evaluation as a critical behavior. A final evaluation of "0" in a critical behavior constitutes a clinical failure of **NUR122**.

## 4. Third Semester:

- A. A component of **NUR232 and/or NUR233** is a series of dosage calculation exams in each course. The grades on the exams will be incorporated into the total course grade in **NUR233**.
- B. The scheduling of these exams will appear on the course calendar.
- C. The student will be offered remediation before the next scheduled exam if they score below an 80%. Remediation activities are reviewed with the student by the faculty.
- D. Remediation will be documented on the Faculty Tutoring Log.
- E. Clinical objectives related to safe medication administration inclusive of the calculation of accurate dosing are included on the **NUR232 & NUR233** clinical evaluation as a critical behavior. A final evaluation of "0" in a critical behavior constitutes a clinical failure of **NUR232 and/or NUR233**.

5. Fourth Semester:

- A. A component of **NUR240** is a series of dosage calculation exams.
- B. The scheduling of these exams will appear on the course calendar.
- C. The student will be offered remediation before the next scheduled exam if they score below 100%. Remediation activities are reviewed with the student by the faculty.
- D. Remediation will be documented on the Faculty Tutoring Log.
- E. In order to participate in the preceptor experience in NUR240, the student must achieve a 100% on one of the two exams given.
- F. Clinical objectives related to safe medication administration inclusive of the calculation of accurate dosing are included on the **NUR240** clinical evaluation as a critical behavior. A final evaluation of "0" or a "1" in a critical behavior constitutes a clinical failure of **NUR240**.

6. Faculty may add up to (5) five dosage and calculation questions to unit exams in any nursing course.

**CONTENT EXPERT(S) / RESEARCHER(S) / CONTRIBUTOR(S):**

**This Document Replaces:**

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**Approval Signatures**

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**Approver**

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