

Covenant School of Nursing
Instructional Module 2 Learning Guide
Topic: Parenteral Medication Administration and Calculations for Intramuscular (IM),
Subcutaneous (SubQ), and Intradermal (ID) routes
Unit 2

Learning Goals/Outcomes

Upon completion of this lesson, you will be able to:

- Implement standards of TJC and ISMP for safe medication administration
- Select correct materials needed to administer intramuscular, intradermal, and various subcutaneous injections
- Apply correct technique while administering medications via the intramuscular, intradermal, and subcutaneous parenteral routes
- Utilize universal competencies during the administration of IM, SubQ, and ID medications

Pre-Class Preparation

Required:

- HESI medication administration assignments (listed out under learning activities)
- Potter and Perry textbook-read chapter on Medication Administration: Parenteral Administration of Medication: Unit 5

***Use references such as the assigned course textbook Lehne's Pharmacology for Nursing Care, Up-To-Date or any other reputable online or hard copy drug reference source (ie: Medscape for Nurses, etc.).

Learning Activities

Classroom Activities:

- Lecture
- Interactive review of key concepts from Out-of-Class Work

Laboratory/Clinical Activities:

- Calculate and administer IM and SubQ medications in lab and clinical setting

Out-of-Class Activities:

Due prior to class:

- Familiarize self with PowerPoint presentation in LMS
- Complete required reading
- Complete HESI Assignments
- Review sections in NII handbook on administering IM and SubQ medications
- Review Universal Competencies

HESI Assignments:

- **HESI – Clinical Skills Collection: Watch these videos & complete each quiz:**
 - Administering **Intradermal** Injections
 - Administering **Intramuscular** Injections
 - Administering **Subcutaneous** Injections
 - Drawing up More than One Type of Insulin
 - Preparing and Administering Insulin
 - Preparing Injections from a Vial
 - Preparing Injections from an Ampule

Evaluation Methods

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- CPE, Professional Skills Videos, and Clinical Bedside Performance based on criteria in Professional Nursing Intervention Instructions for IM2
- Unit Exams

Time Allotments:		
Classroom	Laboratory	Out-of-Class Work
8	7.5	4
Texas DEC's	QSEN Competencies	
Knowledge: IA1,2, and 4, IB7a, b, and c, IIC2a, IID1a, b, and c), IIE12, IIIA4, IIIB4, IIIC2a, IVE3 Clinical Judgement: IA1, IB4a, IB5a, IB6a and b, IB8, IID2c, IIE11, IIF1a, IIF5a, IIIB2,3a, b and c, 4 and 5, IVE4	PCC, EBP, SAFETY, INFORMATICS	
IM Student Learning Outcomes	NCLEX Test Plan	
1-8	Safe and Effective Care, Health Promotion and Maintenance, and Physiological Integrity	
Concepts	Faculty	
Clinical Judgment, Professionalism, Ethics, and Legal Precepts, Evidence-based Practice, Health Policy, Patient-centered care, Quality Improvement, and Safety	L. Davis, MSN, RN-C	
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Instructional Mod 2 Learning Guide Topic: Parenteral Medication Administration and Calculations cont'd

CSON Learning Guide (adopted 5-2015 by Faculty vote) – REV 9-2016