

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

<b>Time Allotments:</b>		
<b>Classroom</b>	<b>Laboratory</b>	<b>Out-of-Class Work</b>
8	7.5	4
<b>Texas DEC's</b>		<b>QSEN Competencies</b>
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
<b>IM Student Learning Outcomes</b>		<b>NCLEX Test Plan</b>
1-8		Safe and Effective Care, Health Promotion and Maintenance, and Physiological Integrity
<b>Concepts</b>		<b>Faculty</b>
Clinical Judgment, Professionalism, Ethics, and Legal Precepts, Evidence-based Practice, Health Policy, Patient-centered care, Quality Improvement, and Safety		L. Davis, MSN, RN-C
<b>Date Originated:</b> 9/22/2015		<b>Revision Dates:</b> Sept 2016, April 2018, Sept 2018, April 2019, April 2020, Sept. 2021, April 2022; July 2023

*Instructional Mod 2 Learning Guide Topic: Parenteral Medication Administration and Calculations cont'd*

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