

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
<p>Upon completion of this lesson, you will be able to:</p> <ul style="list-style-type: none">• 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• Perform universal competencies during the administration of IM, SubQ, and ID medications
Pre-Class Preparation
<p>Required:</p> <ul style="list-style-type: none">• HESI medication administration assignments (listed out under learning activities)• Potter and Perry textbook-read chapter on Medication Administration: <u>Parenteral Administration of Medication (pages 643–652 and Skills 32-4 & 32-5, pages 666-675)</u>.• Using the supplied template format used in Module 1, complete the drug information for parenteral forms of the following: <u>Pneumococcal Conjugate and Influenza Vaccines, enoxaparin, ceftriaxone, insulin lispro, and insulin glargine</u>. 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
<p>Classroom Activities:</p> <ul style="list-style-type: none">• Interactive review of key concepts from Out-of-Class Work <p>Laboratory/Clinical Activities:</p> <ul style="list-style-type: none">• Calculate and administer IM, SubQ, and ID medications in lab and clinical setting <p>Out-of-Class Activities:</p> <p><u>Due prior to class:</u></p> <ul style="list-style-type: none">• Familiarize yourself with PowerPoint presentation in the lesson on LMS• Complete required reading• Complete HESI Assignments• Review sections in NII handbook on administering IM-ID-and all types of SubQ medications & Universal competencies <p>HESI Assignments:</p> <p><u>Clinical Skills: Skills for Nursing - Essentials Collection: Complete Each of these 8 Assignments & Tests</u></p> <ul style="list-style-type: none">▪ Ensuring the Six Rights of Medication Administration▪ Administering Intradermal Injections

<ul style="list-style-type: none"> ▪ 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 <ul style="list-style-type: none"> • <u>Drug Calculations Online: Complete These 2 Modules & Quizzes</u> <ul style="list-style-type: none"> ▪ Module 4 Prevention of Medication Errors ▪ Module 9 Injectable Preparations with Clinical Applications
Evaluation Methods
<ul style="list-style-type: none"> • Mock CPE/Skills Practice/CPE and Clinical Performance based on criteria in Professional Nursing Intervention Instructions for IM2 • Unit Exam and Med/Admin - Med/Math Exam

Time Allotments:		
Classroom	Laboratory	Out-of-Class Work
3	7.5	4
Texas DECs		QSEN Competencies
Knowledge: IA1,2, and4, IB7a,b,and c, IIC2a, IID1a,b, and c), IIE12, IIIA4, IIIB4, IIIC2a, IVE3 Clinical Judgement: IA1, IB4a, IB5a, IB6aandb, 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
1/1, 2/2, 3/3, 4/4, 5/5, 7/7, 8/8		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
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