

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:**1- Clinical Skills: Skills for Nursing - Essentials Collection: Complete Each of these 8 Assignments & Tests**

- Ensuring the Six Rights of Medication Administration
- 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

2- Drug Calculations Online: Complete These Modules & Quizzes

- a. **Module 9** Injectable Preparations with Clinical Applications

Evaluation Methods

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

| Time Allotments: | | |
|---|-------------------|---|
| Classroom | Laboratory | Out-of-Class Work |
| 8 | 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, 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 |
| Date Originated: 9/22/2015 | | Revision Dates: Sept 2016, April 2018, Sept 2018, April 2019, April 2020, Sept. 2021, April 2022 |

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