
SECTION HEADING

NURS 1130: Pharmacology I

Description

Pharmacology I introduces pharmacological concepts, drug classifications, and affects of drugs on the client. It prepares the student for dosage calculations and the administration of medications.

Credits

3

Prerequisite

Acceptance into the Practical Nursing Program

Corequisite

None

Topics to be Covered

1. Nursing Foundation of Clinical Pharmacy
2. Safe Drug Administration – all forms
3. Drugs that Affect the Endocrine System
4. Drugs that Affect the Respiratory System
5. Drugs that Affect the Cardiovascular System
6. Drugs that Affect the Immune System
7. Drugs Used to Fight Infections
8. Dosage Calculations

Learning Outcomes

1. Recognize reliable information related to pharmacology that supports patient care, reduces reliance on memory, and enhances competency within the practice setting.
2. Identify management and organization of care in the patient receiving various pharmacological therapies.
3. Recognize the major classifications of medications, common medications within each classification, potential/actual complications (side effects), contradictions and rationales for medication administration.
4. Describing the nursing process when administering pharmacological therapies in the plan of care for patients across the lifespan.
5. Review learning needs for patients taking various classifications of medications.
6. Describe the legal and ethical implications/aspects of medication administration.
7. Describe principles of safe medication administration in relation to pharmacology, pharmacokinetics, and pharmacodynamics and the nurses' role in preventing medication errors.
8. Recognize one's responsibility to prevent actual/potential patient complications related to pharmacological therapies.

Credit Details

Lecture: 3

Lab: 0

OJT: 0

MnTC Goal Area(s): None