

Chapter 28 RESPIRATION AND OXYGEN DELIVERY

1. Be able to explain how the **respiratory system functions**.
2. Identify the three causes of **hypoxia**.
3. Know the procedures to follow in the event of **respiratory or cardiac arrest**.
4. Know the various methods used for **oxygen delivery**.
5. Know the **safety precautions** to be observed when patients are receiving **oxygen therapy**.
6. Know about how to assist patients in **clearing the airway via coughing, postural drainage, suctioning, abdominal thrusts (Heimlich maneuver), and inhalation therapy**.
7. Know how to **regulate oxygen flow** and correctly apply an **oxygen delivery device**.
8. Know about how to provide **care for the tracheostomy patient**.
9. Know why and how to care for the patient who has a **chest tube and drainage system**.

Chapter 29 PROMOTING URINARY ELIMINATION

1. Know the structure and functions of **the urinary system**
2. Know how to determine abnormal appearance of a urine specimen
3. Know the three nursing measures to help patients urinate normally
4. Know the purposes and principles of **indwelling and intermittent catheterization**
5. Know the rationale for using a **continuous bladder irrigation system**
6. Know how to analyze the different methods of **managing urinary incontinence**
7. Know how to assess a patient's urinary status
8. Know the urine dipstick test
9. Know about how to obtain a **"clean catch"** (midstream) specimen
10. Know about inserting an **indwelling catheter** and using sterile technique
11. Know about **catheter care**
12. Know how to teach a patient how to perform **Kegel exercises**

Chapter 34 Administering Oral, Topical, and Inhalant Medications

1. Know the legal and professional responsibilities of the LPN/LVN related to medication administration.
2. Know all of the parts of a complete medication order.
3. Know about the hard copy medication administration record (MAR) and the electronic medication administration record (eMAR).
4. Know the types of technology used in hospitals and their effect on medication errors.
5. Know the advantages and disadvantages of the unit-dose system and the prescription system.
6. Know the different types of medication orders (**scheduled or routine, PRN, stat, one time**).
7. Know how to account for doses of controlled medications that must be withdrawn from the locked narcotics cabinet or dispensed from an automatic dispensing unit.
8. Know the 7 components.
9. Know the four principles when giving a medication through a feeding tube.
10. Know about administering oral and topical medications to an older adult.
11. Know your responsibilities in the event of a medication error.
12. Know how to Prepare and apply topical medications such as eye ointments, eardrops, nasal medications, transdermal patches, and topical ointments.
13. Know how to administer oral and topical medications using the Six Rights of Medication Administration.
14. Know how to teach a patient to use a metered-dose inhaler.
15. Know how to instill a vaginal and a rectal suppository safely and effectively.
16. Know how to document medication administration and your patient's response to the therapy.

Chapter 35 Administering Intradermal, Subcutaneous, and Intramuscular Injections

1. Know how to identify the principles for safe and effective administration of intradermal, subcutaneous, and intramuscular injections.
2. Know the routes used for administering parenteral medications and the advantages and disadvantages of each route for pediatric, adult, and older adults.
3. Know how to use clinical judgment, choose the appropriate syringe and needle for the type of injection ordered.
4. Know to use Standard Precautions when administering injections and disposing of used equipment.
5. Know the routes used for administering parenteral medications and the advantages and disadvantages of each route for pediatric, adult, and older patients.
6. Know the signs and symptoms of anaphylactic shock.
7. Know the Six Rights of medication administration, including checking for patient drug allergies.
8. Know about how to prepare and administer an intradermal injection
9. Know how to prepare and administer a subcutaneous injection with 100% accuracy.
10. Know how to prepare and administer an intramuscular injection with 100% accuracy.
11. Know how to locate the appropriate site on a patient to give an intradermal, subcutaneous, or intramuscular injection by identifying correct anatomic landmarks.

Chapter 36 Administering Intravenous Solutions and Medications

1. Know the four purposes for administering intravenous (IV) therapy.
2. Know the advantages and disadvantages of using an infusion pump to deliver fluids or medications.
3. List three possible complications that can arise from the use of the IV route and the corrective actions you should take for each one.
4. Know about how to give medications using each of the following methods: a. Using an infusion pump to deliver a primary infusion b. Using an infusion pump to deliver an IV piggyback c. Using a controlled-volume intravenous set d. Using an intermittent IV or a PRN (as-needed) lock e. Giving the medication as a bolus
5. Know three possible complications that can arise from the use of the IV route and the corrective actions you should take for each one.
6. Know seven guidelines related to IV therapy of fluids or medications.
7. Know the special considerations for older adults who need IV therapy.
8. Know the signs and symptoms of a blood transfusion reaction and describe the steps you should take if one occurs.

Chapter 37 Care of the Surgical Patient

1. Know the reasons for performing surgery.
2. know the potential risk factors for complications of surgery.
3. Know the nurse's role in the various phases of perioperative nursing.
4. Know how robotic surgery has shortened recovery time.
5. Know the types of anesthesia used for surgery.
6. Know the safety measures in place to prevent errors regarding the surgical site.
7. Know who to assist the patient with psychological preparation for surgery.
8. Know the nurse's role during the signing of a surgical consent form.
9. Know the roles of the scrub person and the circulating nurse.

Chapter 38 PROVIDING WOUND CARE AND TREATING PRESSURE INJURIES

1. Know the physiologic process by which wounds heal.
2. Know factors that affect wound healing.
3. Know the four signs and symptoms of wound infection.
4. What are the correct nursing actions to be taken if wound dehiscence or evisceration occurs.
5. What is the major purpose of a wound drain.
6. Know the advantages of negative pressure wound therapy.
7. Know the therapeutic effects of heat and cold.
8. Know the appropriate care for a pressure injury.
9. What is wound irrigation.
- 10 What is the reason for removing sutures or staples from a wound and applying thin adhesive strips (Steri-Strips).
11. know the reasons for heat or cold treatment for a patient.