

DMS-1351: PATIENT CARE SKILLS

Cuyahoga Community College

Viewing: DMS-1351 : Patient Care Skills

Board of Trustees:

January 2023

Academic Term:

Fall 2023

Subject Code

DMS - Diagnostic Medical Sonography

Course Number:

1351

Title:

Patient Care Skills

Catalog Description:

Discussion, demonstration and practice of patient care skills and practical application of basic medical techniques in a lab setting. Introducing principles of patient care including professional communication with diverse populations, safe transferring skills, assessing and attending to patient needs and infection control.

Credit Hour(s):

1

Lab Hour(s):

3

Requisites

Prerequisite and Corequisite

ENG-1010 College Composition I or concurrent enrollment.

Outcomes

Course Outcome(s):

Identify the need and perform proper patient care skills.

Objective(s):

- a. Perform patient care skills using effective and professional communication within the health care team.
- b. Describe and perform in the sterile environment including sterile gloving and sterile package opening techniques.
- c. Demonstrate and explain basic medical techniques and procedures to meet patient needs while maintaining patient privacy.
- d. Identify and demonstrate use of basic equipment used during routine patient care and procedures.
- e. Relate and apply proper body mechanics and ergonomic techniques to prevent injury of the health care worker and/or patient during transfers and assistance.
- f. Identify and differentiate between the common health care emergencies and render appropriate aid including obtaining and interpreting basic vital signs.
- g. Explain and exhibit proper hand hygiene practices and work place asepsis.
- h. Analyze the chain of infection and demonstrate how to prevent the spread of infection.

Methods of Evaluation:

- a. Class participation
- b. Competency demonstration
- c. Equipment practical
- d. Written examinations

- e. Presentations
- f. Journal articles
- g. Verbal examinations

Course Content Outline:

Topical Outline

- a. Introduction to the health care setting
 - i. Organizational team
 - ii. Essential functions
 - 1. Sonographers
 - 2. Radiographers
 - iii. Patient Rights and Responsibilities
 - iv. HIPAA
- b. Communication
 - i. Establishing a professional rapport with the patient, family and health care workers
 - ii. Maintaining patient privacy and confidentiality
 - iii. Cultural and emotional sensitivity within a diverse population
 - 1. Age
 - 2. Customs and culture
 - 3. LGBTQ+
 - a. Preferred name
 - b. Gender identity
 - c. Personal pronoun
 - 4. Psychological and emotional
 - 5. Religious
 - iv. Beginning/ending procedural steps
- c. Transferring and positioning
 - i. Guidelines for body mechanics and ergonomics
 - ii. Patient positions and guidelines for the prevention of injury and pressure sores
 - iii. Assisting/transferring the patient from cart/bed to chair
 - iv. Assisting/transferring the patient from cart/bed to cart/bed
 - v. Logrolling and turning the recumbent patient
 - vi. Assisting the patient to move to the head of the bed
 - vii. Three person lift
- d. Personal care
 - i. Methods of providing patient comfort
 - ii. Making the occupied bed
 - iii. Changing the patient gown
 - iv. Assisting the patient with at bedpan/urinal
 - v. Care for the external urinary catheter
 - vi. Care and handling of patients with tubes (IV, NG, O2, chest, wound drainage and catheters)
 - vii. Care and handling of patient's supportive medical equipment (O2 tank, pulse oximeter, EKG leads, IV pump)
- e. Infection control
 - i. Standard precautions
 - 1. Effective handwashing technique
 - 2. Chain of infection
 - 3. Bloodborne pathogens precautions
 - 4. Personal protective equipment
 - ii. Asepsis, sterilization and disinfection
 - 1. Methods of sterilization and disinfection
 - a. Chemical means
 - b. Physical means
 - c. Steam means
 - 2. Sterile field technique procedure practices
 - a. Surgical scrub
 - b. Sterile gowning and gloving
 - c. Sterile fields, package opening and trays
 - iii. Care of patients with communicable diseases

1. Transmission based isolation precautions
 2. Modes of transmission
 3. Common communicable diseases
- f. Emergency care
- i. Good Samaritan Law
 - ii. Obtaining vital signs
 1. Temperature
 2. Pulse
 3. Respiration
 4. Blood pressure
 5. Understanding EKG and normal heart rhythm
 6. Pulse Oximeter
 - iii. First aid
 1. Anaphylactic shock
 2. Bleeding-pressure points
 3. Cerebral vascular accident
 4. Myocardial infarction
 5. Syncope
 6. Convulsions/epilepsy
 7. Insulin shock
 8. Diabetic coma
 9. Latex allergies
 10. Shock
 11. Vomiting
 12. Orthopedic injuries

Resources

Sorrentino, Sheila and Leighann Remmert. *Mosby's Essentials for Nursing Assistants*. 6th ed. St. Louis: Elsevier, 2018.

American Academy of Orthopaedic Surgeons. *Bloodborne and Airborne Pathogens*. 7th ed. Burlington, MA: Jones and Bartlett Learning, 2017.

De Jong, Robert, Jr. *Craig's Essentials of Sonography and Patient Care*. 4th ed. St. Louis: Elsevier, 2018.

Torres, Lillian, TerriAnn Lin-Watson Norcutt and Andrea Dutton. *Basic Medical Techniques and Patient Care in Imaging Technology*. 9th ed. Philadelphia: Lippincott Williams & Wilkins, 2018.

Hegner, Barbara R. Esther Caldwell. *Nursing Assistant: A Nursing Process Approach*. 11th ed. Albany: Delmar, 2015.

Hegner, Barbara, Barbara Acello Esther Caldwell. *Nursing Assistant: A Nursing Process Approach - Basics*. 1st ed. Albany: Delmar Cengage Learning, 2009.

Galanti, Geri-Ann. *Caring for Patients from Different Cultures*. 5th ed. Philadelphia: University of Pennsylvania Press, 2014.

Salimbene, Suzanne. *What Language Does Your Patient Hurt In? A Practical Guide to Culturally Competent Patient Care*. 3rd edition. :Paradigm Publications, 2015.

United States Department of Labor: Occupational Safety and Health Administration. "Infectious Diseases and Standards" *Healthcare*. www.osha.gov/SLTC/healthcarefacilities

Centers for Disease Control and Prevention: The National Institute for Occupational Safety and Health (NIOSH). *Bloodborne Infectious Diseases: HIV/AIDS, Hepatitis B, Hepatitis C*. www.cdc.gov/niosh/topics/bbp

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