

PTAT-1000: INTRODUCTION TO PHYSICAL THERAPY PATIENT CARE

Cuyahoga Community College

Viewing: PTAT-1000 : Introduction to Physical Therapy Patient Care

Board of Trustees:

June 2024

Academic Term:

Fall 2024

Subject Code

PTAT - Physical Therapist Assist

Course Number:

1000

Title:

Introduction to Physical Therapy Patient Care

Catalog Description:

Discussion, demonstration, and practice of basic physical therapy patient care skills for all students who plan to apply to the PTA program. Introduces principles of patient care for physical therapist assisting students including professional communication with diverse populations, safe patient mobility skills and transfers, vital signs, standard precautions, hand hygiene and development of a comfort level with the physical contact required for a physical therapist assistant.

Credit Hour(s):

1

Lecture Hour(s):

.5

Lab Hour(s):

1.5

Requisites

Prerequisite and Corequisite

ENG-1010 College Composition I, or concurrent enrollment; or ENG-101H Honors College Composition I, or concurrent enrollment; and MA-1020 Medical Terminology I, or concurrent enrollment; BIO-2331 Anatomy and Physiology I, or concurrent enrollment; and MATH-0965 Intermediate Algebra or qualified Math placement to enroll in MATH-1410 Elementary Probability and Statistics I or higher.

Outcomes

Course Outcome(s):

Utilize effective communication skills to establish patient rapport and maintain patient confidentiality.

Objective(s):

1. Demonstrate a proper introduction to patient/client that includes identification as a student and obtaining informed consent.
2. Perform patient care skills using effective and professional communication with patient and health care team.
3. Discuss and demonstrate awareness of the need for professional and ethical conduct in all health care activities.
4. Describe professional communication for a diverse population that is sensitive to race, culture, and age.
5. Recognize the impact that differences in cultural, ethnic, socioeconomic, and psychological background can have on patient/client interaction and response to treatment.
6. Maintain confidentiality, client privacy and modesty and treats others with positive regard, dignity, respect, and compassion.

Course Outcome(s):

Demonstrate proper use of Standard Precautions.

Objective(s):

1. Explain the concept, use and value of Standard Precautions.
2. Describe and exhibit the proper technique for hand hygiene.
3. Describe and apply the theory of Standard Precautions.

Course Outcome(s):

Obtain and record basic vital signs, taking appropriate action when outside of normative values.

Objective(s):

1. Locate and palpate various sites on the human body where a pulse may be taken.
2. Identify how vital signs would be recorded in the patient's medical record.
3. Demonstrate proper handling and care of the sphygmomanometer and stethoscope.
4. Take and record with accuracy patient's temperature and respiratory rate.
5. Identify how to convert temperature to centigrade and Fahrenheit.
6. Demonstrate proper use of the pulse oximeter and identify normative values.
7. Demonstrate the ability to take and record blood pressure.
8. Identify various patient situations that may arise in physical therapy when vital signs should be measured and monitored.
9. Identify the normal values for vital signs.

Course Outcome(s):

Demonstrate proper basic positioning and draping of the patient.

Objective(s):

1. Describe and demonstrate proper positioning of the trunk, head, and extremities in supine, prone, side lying, and sitting.
2. Describe and demonstrate proper draping of the patient in all positions.
3. Explain the rationale for protecting the patient's privacy and dignity during all physical therapy procedures.

Course Outcome(s):

Demonstrate proper body mechanics to prevent injury to the health care worker during patient mobility activities.

Objective(s):

1. Identify the elements of good posture and demonstrate these in all activities.
2. Describe and demonstrate proper body mechanics to be used for lifting, reaching, pushing, pulling, and carrying.

Course Outcome(s):

Instruct and assist patient in the safe movement from one surface to another.

Objective(s):

1. Demonstrate safety, competency and good body mechanics in instructing and performing a basic transfer from wheelchair to treatment table and back.
2. Identify the circumstances for when a three-person lift would be utilized to transfer a patient.
3. Identify the role and placement of all persons participating in the three-person lift.
4. Demonstrate safety, competency and good body mechanics in the performance of a three-person lift.
5. Discuss the organization and preparation that should occur prior to any patient mobility activities.
6. Demonstrate awareness and develop a comfort level with the physical contact that is required as part of the role of a physical therapist assistant.
7. Instruct patient in proper bed mobility with or without assistance.

Methods of Evaluation:

1. Class participation
2. Competency demonstration
3. Equipment practical
4. Written examinations
5. Presentations

6. Supplemental web site/discussion board
7. Demonstration of professional behaviors

Course Content Outline:

1. Communication
 - a. Establishing professional rapport with the patient
 - b. Methods of alleviating patient's fears
 - c. Communication techniques for diverse populations
 - d. Maintaining patient privacy and confidentiality
 - e. Beginning/ending procedural steps
2. Infection control
 - a. Standard precautions
 - b. Effective hand washing technique
3. Obtaining Vital Signs
 - a. Temperature
 - b. Pulse
 - c. Respiration
 - d. Blood Pressure
 - e. Pulse Oximetry
4. Basic Positioning
 - a. Supine
 - b. Prone
 - c. Side lying
 - d. Seated
 - e. Draping for patient privacy
5. Patient mobility
 - a. Basic body mechanics
 - b. Guidelines for prevention of injury
 - c. Assisting the patient to move in bed
 - d. Logrolling and turning the patient
 - e. Transfer of patient from wheelchair to treatment table
 - f. Three-person lift

Resources

Duesterhaus-Minor, M., and S. Duesterhaus-Minor. *Patient Care Skills*. 7th ed. Prentiss Hall, 2013.

American Academy of Orthopaedic Surgeons and American College of Emergency Physicians. *Bloodborne and Airborne Pathogens*. 8th ed. American Academy of Orthopaedic Surgeons, 2021.

Carruthers, Karen, Mark Jackson and Sally McKinnon. *Preventing Infectious Diseases*. 4th ed. Sudbury, Massachusetts: Jones and Bartlett, 2005.

Pierson & Fairchild. *Principles & Techniques of Patient Care*. 7th. St. Louis: Saunders, 2022.

Johansson & Chinworth. *Mobility in Context: principles of patient care skills*. 3rd ed. Philadelphia: FA Davis, 2022.

Resources Other

1. Centers for Disease Control and Prevention, <http://www.cdc.gov> (<http://www.cdc.gov/>)
2. Occupational Safety and Health Administration, <http://www.osha-lc.gov> (<http://www.osha-lc.gov/>)

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