



BAKER COLLEGE

STUDENT LEARNING OUTCOMES

PTA 2810A PTA Seminar in Specialty
Practice Semester
Semester Credit Hours: 2

Student Learning Outcomes and Enabling Objectives

1. Evaluate current concepts and treatment programs for physical therapy in Pelvic Floor Rehabilitation. 7D9
 - a. Identify the types of patients that would benefit from Pelvic Floor Rehabilitation.
 - b. Examine physical changes occurring during pregnancy including posture, cardiovascular output, and musculoskeletal alterations.
 - c. Discuss the benefits, precautions, and contraindications of Pelvic Floor Rehabilitation.
 - d. Explain the connection between the pelvic floor and core musculature for spinal stability.
2. Compare current concepts and treatment programs in Aquatic Physical Therapy. 7D9
 - a. Discuss the types of patients that would benefit from aquatic activity.
 - b. Identify the principles of aquatic therapy including buoyancy, resistance, and drag.
 - c. Explore the benefits, precautions, and contraindications of aquatic therapy.
 - d. Explain the transition from aquatic activities to land-based treatment.
3. Explore the various rehabilitative approaches utilized in oncology physical therapy management including lymphedema management. 7D9
 - a. Compare and contrast the types of cancers frequently diagnosed in the United States.
 - b. Explain the complications of chemotherapy and radiation treatment for patients with cancer.
 - c. Describe common lymphedema complications and treatments seen in physical therapy.
 - d. Identify equipment used for lymphedema management, indications, and contraindications.
4. Summarize areas of therapeutic crossover for the provision of patient-centered interprofessional collaborative care. 7D2, 7D28
 - a. Explore how physical therapy providers collaborate with speech-language pathologists, occupational therapy personnel, and nursing staff to provide optimal patient care.
 - b. Differentiate the relationship between physical therapy and occupational therapy.
 - c. Describe the collaboration of social work and case management with the physical therapy team as it relates to safe, effective, and efficient discharge planning.
5. Develop preparation strategies for the successful completion of the National Physical Therapy Examination. 7D9
 - a. Discuss jurisdiction application and NPTE registration guidelines.
 - b. Interpret the NPTE PTA Content Outline.
 - c. Analyze standardized test questions as they relate to physical therapy practice.
 - d. Formulate individualized study plans based on results of NPTE practice exams.

- e. Identify test-taking and anxiety management techniques.
6. Outline requirements for participating in state jurisprudence examination in preparation for the National Board examination. 7D1, 7D2, 7D3, 7D4, 7D5
 - a. Interpret the physical therapist assistant practice act as defined by the State of Michigan
 - b. Detail the State of Michigan's definition of physical therapy.
 - c. Explore the National Board examination process.
7. Compare current concepts of the pain theory as it relates to physical therapy. 7D9
 - a. Identify pain, nociception, and the Nociceptive System as they relate to physical therapy
 - b. Contrast the different types of pain.
 - c. Discuss how pain is measured in healthcare.
 - d. Explore how physical therapy contributes to pain management.
8. Identify the role of physical therapy in the public school system. 7D1, 7D7, 7D16, 7D24d
 - a. Examine the components of federal law as it relates to the IEP.
 - b. Differentiate the articles of the 504 compared to the IEP.
 - c. Explore aspects of special education requirements related to federal and state laws.
9. Investigate implicit and explicit biases impact on the provision of physical therapy. 7D5
 - a. Differentiate between implicit and explicit biases.
 - b. Explore ways to adjust behaviors related to biases.
 - c. Identify factors that contribute to the delivery of inclusive and equitable practices within physical therapy.

Big Ideas and Essential Questions

Big Ideas

- Pelvic Floor Rehabilitation
- Aquatics
- Oncology and physical therapy
- Lymphedema
- Interprofessional collaborative care
- Examination strategies
- Practice laws
- Pain processes
- Public school laws
- Implicit and explicit biases

Essential Questions

1. How does pelvic floor rehabilitation foster a more active lifestyle?
2. How does aquatic therapy affect movement?
3. What are the long-term effects of chemotherapy and radiation treatments on physical activity?
4. What is the correlation between cancer and lymphedema?
5. What benefits do patients see when we use an interprofessional approach to care?
6. How do stress and anxiety effect examination outcomes?
7. Where can the states practice laws be found?
8. How can the implementation of physical therapy reduce chronic pain?

9. Why is physical therapy provided in the public school system?
10. How does bias impact the provision of physical therapy practices?

These SLOs are not approved for experiential credit.

Effective: Summer 2023