

**Spokane Falls Community College**  
**COURSE LEARNING OUTCOMES**

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**Prefix and Course Number: PTA 111**

**Course Title: PTA Procedures II: PT Modalities Seminar**

**Version Date: 04/29/2019**

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**Course Learning Outcomes**

Upon successful completion of the course, the student will be able to:

1. 1. Compare and contrast the following as it pertains to manual therapy interventions identified in the plan of care: 7D23e
  - a. Various massage strokes, manual lymphatic drainage for acute edema and percussive techniques
  - b. Different applications of the manual therapy techniques based on the plan of care, stage of healing and patient response.
2. Explain and/or describe the following as it pertains to biophysical agent interventions identified in the plan of care: 7D23c
  - a. Physical and physiological principles of electrotherapy and ultrasound.
  - b. Types of electrotherapeutic current, waveforms, and their applications.
  - c. Treatment adaptation based off of patient's physiological and neural reaction to treatment
  - d. Application of the correct modality depending on the different phases of healing
  - e. Preparation and care of ultrasound and electrotherapeutic modality units.
  - f. Purpose, indications, contraindications, precautions, and safety issues related to the clinical application of the following:
    - Electrotherapeutic agents.
    - Deep thermal agents
    - Ultrasound
    - Electromyography/biofeedback
    - Traction therapies
    - Comination modalities
3. Identify the purpose, indications, contraindications, precautions, and safety issues related to the clinical application of electrical stimulation as it pertains to wound management. (7D23i)
4. Given a patient scenario, identify and/or explain airway clearance techniques as they relate to the following: 7D23a
  - a. The effects, indications, contraindications, and precautions for postural drainage.
  - b. The correct techniques/positions for postural drainage.
  - c. The indications and correct breathing exercises to aid in respiration.
5. Describe thoracoabdominal movements as it relates to breathing patterns with different activities for the purpose of data collection.7D24n