

Ultrasound: Choosing Appropriate Parameters

Saturday September 18, 2010

8 a.m. - 3 p.m.

Description: This course will include a review of ultrasound interventions and initial hands-on practice with the equipment. This course is appropriate for the experienced PT/PTA, OT/OTA clinician and for the OT/OTA looking to become "PAM certified". This course meets the OT Practice Act requirements for physical agent modality (PAM) education in ultrasound. This workshop is not intended to test for hands-on competency, but a written test will be provided.

Course Objectives: by the completion of this course, the participant will be able to:

- Discuss characteristics of ultrasound energy
- Define terms related to US therapy
- Evaluate various coupling media
- Explain the physiological effects of ultrasound.
- Define indications, optimal parameters, precautions, and contraindications
- Explain the proper use of the device, including controls, sound head selection, frequency, application method, and equipment maintenance.
- Discuss a research based perspective for the clinical application of US
- Apply research related to dosing US
- Apply Clinical Model for dosing US based on tissue composition and stages of healing

Cost: \$175 (lunch on own)

Maximum: 15 (must be licensed PT/PTA/OT/OTA to participate)

Instructor: Laurie Clute, PT, MS. Laurie is the current director of the Physical Therapist Assistant program at River Valley Community College in Claremont, teaching several courses in the program including the modality course. She also works per diem at Good Neighbor Health Clinic in White River Junction, VT and Cheshire Medical Center in Keene, NH. She earned both her undergraduate and graduate degrees from University of Vermont.

To register for this workshop:

- call 603 542-7744 extension 347 or
- For a registration form click on the following link:
<http://www.rivervalley.edu/documents/RegistrationFormFall2010.pdf>

Electrical Stimulation: Review of Theory and Application

Friday October 1 and Monday October 4, 2010
8 a.m. - 4 p.m. each day

Description: This course will include a review of electrical stimulation interventions and initial hands-on practice with the equipment. This course is appropriate for the experienced PT/PTA, OT/OTA clinician and for the OT/OTA looking to become "PAM certified". This course meets the OT Practice Act requirements for physical agent modality (PAM) education in electrical stimulation. This workshop is not intended to test for hands-on competency, but a written test will be provided.

Course Competencies: by the end of this course, the participant should be able to:

- Define terminology
- Explain normal electrophysiology of nerve and muscle
- Identify common denominators of electrical currents
- Identify rationale, indications, contraindications and precautions
- Identify and choose the appropriate parameters (including waveform, electrode placement, frequency, intensity, charge) for the condition and the goal.
- Discuss the selection and storage of topical drugs
- Identify patient positioning for safety and effective treatments.

Cost: \$ 300 (lunch on own)

Maximum: 15 (must be licensed PT/PTA/OT/OTA to participate)

Instructor: Laurie Clute, PT, MS. Laurie is the current director of the Physical Therapist Assistant program at River Valley Community College in Claremont, teaching several courses in the program including the modality course. She also works per diem at Good Neighbor Health Clinic in White River Junction, VT and Cheshire Medical Center in Keene, NH. She earned both her undergraduate and graduate degrees from University of Vermont.

To register for this workshop:

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