

Agenda

Session One

Day 1

- 8:30 Registration / Pre-Test
- 8:45 Definition of Modalities: Categories /Examples, Licensure requirements, Appropriate utilization
- 9:00 Anatomical review, Pain theories, Wound healing principles
- 9:30 Thermal modalities, Physiology, Heating types
- 10:15 Break
- 10:30 Thermal modalities cont.: Hot packs, Fluidotherapy, Paraffin, Whirlpool, Cryotherapy
- 11:30 Special considerations
- 12:00 Lunch
- 12:45 Ultrasound: Physiological effects on tissue, Intensities utilized, Soundhead properties, Contraindications, Advantages vs Disadvantages
- 3:15 Ultrasound Lab
- 4:15 Case Studies, Questions & Answers
- 5:30 Adjourned

Day 2

- 8:30 Registration / Question & Answer from day prior, Cellular Anatomy Review
- 9:00 Electrical Stimulation, Pulse width, phase duration, frequency, amplitude
- 10:00 Break
- 10:15 TENS: Indications for use, treatment parameters, contraindications, advantages vs disadvantages
- 11:00 TENS: LAB
- 12:45 Lunch
- 1:00 NMES: Indications for use, treatment parameters, contraindications, advantages vs disadvantages
- 1:30 NMES: LAB
- 2:00 HI-VOLT: Indications for use, treatment parameters, contraindications, advantages vs disadvantages
- 2:30 HI-VOLT LAB
- 3:15 Iontophoresis: Indications for use, treatment parameters, contraindications, advantages vs disadvantages
- 3:45 Iontophoresis: LAB
- 4:15 Considerations, patient education, Q& A, Case studies
- 5:30 Post-test/ adjourned

Session Two

- 8:30 Registration / Pre-Test
- 9:00 NMES, Russian Current: Correctly utilizing and establishing desired parameters, lab/clinical application
- 9:30 TENS, IFC: Correctly utilizing and establishing desired parameters, lab/clinical application
- 10:00 Break
- 10:15 TENS, IFC: Correctly utilizing and establishing desired parameters, lab/clinical application (cont.)
- 11:00 HVPG: Correctly utilizing and establishing desired parameters, lab/clinical application
- 12:00 Lunch
- 12:45 Ultrasound/Phonophoresis: Correctly utilizing and establishing desired parameters, clinical application
- 1:45 Iontophoresis: Correctly utilizing and establishing desired parameters, clinical application
- 2:00 Fluidotherapy, Hot Packs, Paraffin, Cryotherapy: Correctly utilizing and establishing desired parameters, lab/clinical application
- 2:45 Acute vs Chronic pain: Treatment of musculoskeletal disorders
- 3:00 Thermal modalities: Determining appropriate modality and treatment uses within the framework of OT
- 4:00 Peripheral Nerve Injuries: Nerve regeneration, modality application, Motor point search using e-stim/LAB
- 4:30 Equipment set up and clinical check off....do you know your stuff? Documentation/Billing: The how and why to document what you do. Overview, Case Studies and application quiz bowl, Post-test
- 5:45 Adjourn

Home Study

Read and Respond (12 hours awarded)

Twelve current research articles will be provided along with a post test for the applicant to complete outside of the weekend courses. Tests will be graded and with an 80% correct completion rate will be awarded the hours.