

Modalities Training Course

Date: Saturday, May 7, 2016

Time: 8 am-5 pm

Lunch on your own

Keiser University, Miami Campus – (Auditorium)
2101 N.W. 117 Ave, Miami, FL 33172

About Our Speaker



Jose R. Rafols OTD, MHA, OTR/L is a licensed occupational therapist with more than 28 years of experience in clinical orthopedics and 22 years of experience in upper extremity rehabilitation and hand-injuries. Dr. Rafols has also worked in diabetic wound care, neurological injuries, traumatic brain injury (TBI), burns, geriatrics, and adult rehabilitation. He is president and owner of Therapeutic Home-Bound Services Corporation (THS-Corp), which provides tailored and personalized private occupational therapy and rehabilitation services to the South Florida area. Dr. Rafols retired at the rank of Major in 2012 in the United States Army Specialty Corps and served with distinction for more than 28 years of combined active and reserve duty in the U.S. Navy, the U.S. Marine Corps, and the U.S. Army Active Component (AC) and Reserve Component (RC). He served on active duty and as the officer in charge at Darnell Army Medical Center, Ft. Hood, TX, and Eisenhower Army Medical Center in Ft. Gordon, Georgia, as well as, numerous smaller fixed outpatient facilities. Dr. Rafols completed a 12-month combat deployment with the 101st Airborne Division's 3rd & 4th Brigade Combat Teams (BCTs) to Paktika, Paktia, and Khost Province located in Eastern Afghanistan. There he worked to set up and provide clinical rehabilitation for soldiers with post-blast injuries, ranging from mild-traumatic brain injury (TBI) to poly-trauma. Dr. Rafols is a seasoned and experienced instructor, having presented masters level instruction in the Occupational Therapy Program at Florida International University and the Medical College of Georgia, and is currently employed as the Director of Occupational Therapy Doctorate Programs, South University, West Palm Beach, FL. Dr. Rafols has formally presented at numerous international, national, regional and local conferences. In addition, he is a member of AOTA, FOTA, Association of Caribbean Occupational Therapists, Reserve Officers Association, and American Military Surgeons of the United States (AMSUS); and writes for publications such as *NEWS-Line* for Occupational Therapists and COTAs and *OT Practice*. Dr. Rafols' interests include growing tropical fruit in a small farm located in the Redlands of southwest Miami-Dade County and partnering with NGOs to empower underserved countries with clinical education and hands-on intervention.

Course Outline

- I. Introduction to Physical Agents Modalities
 - a. PAMS use and Occupational Therapy
 - b. Florida Practice Act-Review of the Statutes
- II. Basics of Neuromuscular-Electrical Stimulation (NMES)
 - a. Overview of the various types of electrical stimulation
 - b. Clinical Uses
 - c. Indications and Contraindications
 - d. Tips on implementation, uses, maintenance of the units

- III. Ultrasound and Phonophoresis
 - a. Fundamentals and review of the Properties of these Physical Agents
 - b. Clinical Uses
 - c. Indications and Contraindications
 - d. Tips on implementation and functional use
- IV. Iontophoresis
 - a. Overview of this Physical Agent
 - b. Transdermal infusion of external agents (e.g. solutions)
 - c. Indications and Contraindications
- V. Clinical Case-Studies for review, discussion and collaboration.
- VI. Practitioner Familiarization with Functional Electrical Stimulation Units and Ultrasound Units.

Course Objectives

1. Describe how physical agent modalities fit within the Occupational Therapy Framework and identify the certification responsibilities within the state of Florida.
2. Describe the physical principles of temperature, sound and electricity and its biological effects on the human body.
3. Identify indications for the use of electrotherapy and ultrasound modalities within the Occupational Therapy Framework.
4. Demonstrate appropriate selection and application of electrotherapy and ultrasound modalities as it relates to occupational therapy treatment.
5. Identify instrumentation of the modalities presented and demonstrate appropriate selection of settings.
6. Identify components of appropriate documentation for ultrasound and electrotherapy devices.
7. Identify precautions and contraindications for ultrasound and electrotherapy devices.
8. Immediately integrate the information presented into their clinical practice within the SCOPE OF THE FLORIDA STATE LICENSURE LAW FOR OCCUPATIONAL THERAPIST.

This Course is accredited for **8** contact hours by the Occupational Therapy Department of South University which is accredited as an agency, College or University, approved by the US Dept. of Education.

 **Option: Register via PayPal on www.floridaotforum.org/events.htm**

REGISTRATION FORM

May 7, 2016 Electrical Stim and Ultrasound Training

Name: _____ Email: _____

Address: _____

City, State, Zip _____

Employer or School (with address) _____

Telephone: (H) _____ (W) _____

FOTA Membership Number (if applicable) _____

Please Check: OTR/OTA clinicians \$200.00 Students \$ 120.00

Amount of check: _____

Checks are nonrefundable after April 30

Please mail form and corresponding check amount payable to BOTFO to our financial chair:

Heidi Lipshutz, 1101 Fairfield Meadows Drive, Weston, FL 33327

If you need a reasonable accommodation, please contact **Heidi Lipshutz** 954-290-7559.