

INTERNATIONAL REAL TIME ULTRASOUND COURSE

INTRODUCTORY WORKSHOP

In the last time the Real Time Ultrasound diagnose and training is becoming a valuable tool for the physiotherapy profession. Dynamic real time scanning is an amazing visual tool that will improve your clinical skills, assessments and treatment protocols.



This course is the first to present this topic in Poland to introduce about the body of research on RTUS in the physiotherapy field and linked in with the TenseActive Manual Therapy Concept.

THEORETICAL / RESEARCH / ANATOMY LECTURES AND SPECIFIC LECTURE TOPICS INCLUDE

- Basis of ultrasound and its physics principles and artifacts
- Probe the system operation of different ultrasounds parts and devices
- Necessary equipment criteria
- Designing protocols to suit your practice:
 - Clinical application of the latest stability research using RTUS for enhanced exercise programming
 - Measurement tools and their interpretation
 - Clinical application - patient & equipment setup and preparation
 - Normal vs abnormal recruitment muscle patterns
 - Core Muscle Stabilization
 - Clinical anatomy of the abdominal wall and pelvic floor musculature and their relationships

SCANNING TECHNIQUES IN:

- ✓ Real-time soft tissue visualization
- ✓ Muscle imaging and use in rehabilitation
- ✓ Assessing muscle movement - Real-time Biofeedback
- ✓ Transversus abdominus location, assessment and training
- ✓ Multifidus location, assessment and training
- ✓ Pelvic floor muscles, assessment and training

COURSE OBJECTIVES

1. To provide an overview of the physical principles and artifacts associated with real time ultrasound (RTU) in physiotherapy practice
2. To provide the basis for scanning skills required for the use of RTU in physiotherapy practice
3. To provide the basis for an understanding of protocols required in common clinical situations
4. To provide the basis for an understanding of typical system requirements in ultrasound diagnosis

LECTURER

Professor David Lopez Sanchez PT DC. Chiropractor graduated of the Anglo European College of Chiropractic and Physical Therapist. Director of the Chiropractic Program of the Universidad Central de Chile, Director of the diplomats in manual therapy programs, Saint Thomas University, Chile. Creator of the TenseActive Manual Therapy Concept, past chairman WCPT/SAR. The Dr. Lopez has been a distinguished speaker in different international congresses in Poland, Chile, Brazil, Colombia, Cuba, Canada, Mexico, Argentina, Uruguay, etc.

Schedule & Dates

- Maximal 30 participants