

15th -16th February 2014, Athens

EUROSON SCHOOL

Elastography & Interventional US

Η Ελληνική Εταιρεία Υπερηχογραφίας (HSUMB) οργανώνει στις 15-16 Φεβρουαρίου 2014 EUROSON SCHOOL με θέμα "Elastography & Interventional US". Το EUROSON SCHOOL πραγματοποιείται σε συνεργασία με την Ευρωπαϊκή Εταιρεία Υπερηχογραφίας (EFSUMB) και την Τουρκική Εταιρεία Υπερηχογραφίας. Αποτελεί συνέχεια του EUROSON SCHOOL που πραγματοποιήθηκε 21-22 Ιανουαρίου 2012. Ανάλογο EUROSON SCHOOL θα πραγματοποιηθεί στην Κωνσταντινούπολη τον Φεβρουάριο του 2015.

Το πρόγραμμα του EUROSON SCHOOL αποτελείται από Θεματικές Ενότητες με Θεωρητικό Μέρος και Πρακτικό Μέρος. Στο Πρακτικό Μέρος επιδεικνύονται οι τεχνικές σε πραγματικές συνθήκες, με την παρουσία μηχανημάτων και μοντέλων. Στις επεμβατικές τεχνικές χρησιμοποιούνται αντίστοιχα video.

Οι κύριες ενότητες του Προγράμματος είναι:

- ▶ **Physics and Technology**
 - ▶ High Intensity Focused Ultrasound (HIFU): current clinical applications
 - ▶ Vibration Controlled Transient Elastography (VCTE): Physics and Technology
 - ▶ ShearWave Elastography in 2D and 3D
- ▶ **Breast** – Theoretical/Practical Course
 - ▶ Therapeutic US of the Breast
 - ▶ Ultrasound Elastography and Histology in Breast tumors
 - ▶ US-guided Breast interventions and Elastography
- ▶ **Thyroid & Lymph Nodes** – Theoretical/Practical Course
 - ▶ US, Elastography and US-guided FNA of the thyroid
- ▶ US, USCA, Elastography and US-guided FNA of the lymph nodes
- ▶ **GI Tract, Pancreas, Bile Ducts** – Theoretical/Practical Course
 - ▶ Principles and technology of endoscopic US and Elastography
 - ▶ Endoscopic US, Elastography and interventional US of the upper GI tract
- ▶ **Brain, Nerves** – Theoretical/Practical Course
 - ▶ US of the peripheral nerves
 - ▶ US Guided Anesthesia in Orthopedics and Rheumatology
 - ▶ Therapeutic Ultrasound and US Contrast Agents in the CNS
- ▶ **MSK** – Theoretical/Practical Course
 - ▶ US in Rheumatology
 - ▶ US and Elastography in the Musculoskeletal System
- ▶ **Prostate** – Theoretical/Practical Course
 - ▶ Therapeutic US of the Prostate
 - ▶ Prostate TRUS, color Doppler and Elastography
 - ▶ Clinical results of High Intensity Focused Ultrasound (HIFU) in Prostatic Cancer and Hyperplasia
- ▶ **Heart-Vessels** – Theoretical/Practical Course
 - ▶ Vascular and Cardiac Elastography
 - ▶ Emerging cardiovascular applications of Shear Wave Elastography
- ▶ **Liver** – Theoretical/Practical Course
 - ▶ Clinical impact of Liver Elastography
 - ▶ Emerging applications of SWE in the liver
 - ▶ US, Color Doppler and Elastography in Chronic Liver Disease
- ▶ **Uterus – Ovaries** – Theoretical/Practical Course
 - ▶ Diagnostic US, 3D and Elastography of the Uterus and Ovaries
 - ▶ Interventional and Therapeutic US of the Uterus (MRgFUS)
 - ▶ Interventional US of pregnancy and the foetus

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Elastography and
Interventional ultrasound