



INTENSIVE BREAST ULTRASOUND COURSE – THE COMPACT REFRESHER FOR RADIOLOGISTS AND GYNECOLOGISTS

Course information

Code number:	SC0014
Title:	INTENSIVE BREAST ULTRASOUND COURSE – THE COMPACT REFRESHER FOR RADIOLOGISTS AND GYNECOLOGISTS
Faculty:	Prof Thomas Fischer, Radiologist Charité University Germany Prof Anke Thomas, Gynecologist, Charité University Germany
Venue:	Panorama Hotel Analipseos 26 Panorama, Thessaloniki, PC 55236, Greece
Date:	30.01.27
Level of education:	Advanced

Contact information

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Course pre-requisites

MD Degree from an internationally approved Faculty of Medicine

Course description

This one-day intensive course offers a comprehensive update on modern breast sonography. It is tailored equally for beginners seeking a structured approach and experienced clinicians looking to refresh their skills. The curriculum directly pairs theoretical insights with hands-on practice. Two highly experienced and engaging experts will guide you through the day, ensuring high learning curves and an entertaining educational experience.

Learning objectives

Anatomy & Fundamentals: Systematic evaluation of breast anatomy and the axilla.

Preset Optimization: Fine-tuning machine settings for B-mode, elastography and color Doppler

Advanced Technologies: Clinical application of real-time elastography and artificial intelligence (AI) tools.

Lymph Node Evaluation: Differentiation of benign and malignant lymph node changes

Interventions: Indications and precise techniques for ultrasound-guided punctures.

Hands-on Training Concept

The course maximizes scanning time to efficiently boost each participant's learning curve:

Live Models: Scanning under real conditions to master image quality and scan plane.

Biopsy Phantoms: Realistic, hands-on training for interventional puncture techniques in a guided environment.

Group training: Intensive mentoring directly at the ultrasound systems by the instructors

Suggested Course Material

1. Săftoiu A, Gilja OH, Sidhu PS, Dietrich CF, Cantisani V, Amy D, Bachmann-Nielsen M, Bob F, Bojunga J, Brock M, Calliada F, Clevert DA, Correas JM, D'Onofrio M, Ewertsen C, Farrokh A, Fodor D, Fusaroli P, Havre RF, Hocke M, Ignee A, Jenssen C, Klauser AS, Kollmann C, Radzina M, Ramnarine KV, Sconfienza LM, Solomon C, Sporea I, Ștefănescu H, Tanter M, Vilmann P. The EFSUMB Guidelines and Recommendations for the Clinical Practice of Elastography in Non-Hepatic Applications: Update 2018. *Ultraschall Med.* 2019 Aug;40(4):425-453.
2. D. Clever, M. D'Onofrio, E. Quaia. *Atlas of Elastosonography: Clinical Applications with Imaging Correlations.* Springer
3. Thomas A, Kümmel S, Fritzsche F, Warm M, Ebert B, Hamm B, Fischer T. Real-time sonoelastography performed in addition to B-mode ultrasound and mammography: improved differentiation of breast lesions? *Acad Radiol.* 2006 Dec;13(12):1496-504