



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

**Date:** Saturday, 30.01.27

**Venue:**

Panorama Hotel  
Analipseos 26 Panorama,  
Thessaloniki, PC 55236, Greece

**Participation fee:** €600

**Maximum number of participants:** 20

**Faculty:** Prof Thomas Fischer, Radiologist Charité University Germany,  
Prof Anke Thomas, Gynecologist, Charité University Germany

**Target level of education:** Advanced

**Overview of the course**

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

## **Scientific programme**

| <b>Time</b>   | <b>Theme</b>                |
|---------------|-----------------------------|
| 08:30 – 09:00 | Registration – welcome      |
| 09:00         | Brief welcome from Scientia |

09:00 – 09:30    **Theoretical part I: Anatomy and Fundamentals (Prof. Fischer)**

Overview of breast anatomy and axilla

US physics

Preset

09:30 – 10:00    **Theoretical part II: Advanced Technologies (Prof. Thomas)**

BIRADS – What's new?

Elastography

10:00 – 11:30    **Basic Sonoanatomy – Hands on session (Prof. Thomas, Prof. Fischer)**

11:30 – 11:45    Wake up – Short coffee break

11:45 – 12:15    **Theoretical part III: Intervention (Prof. Thomas)**

Indications

Ultrasound guided procedures

12:15 – 13:45    **Part III – Hands on session (Prof. Thomas, Prof. Fischer)**

13:45 – 14:15    Lunch break

14:15 -14:45    **Theoretical part IV: Ultrasound in the near future (Prof. Fischer)**

AI for detection and classification

More than breast ultrasound

14:45 – 16:15    **Part IV – Hands-on all together (Prof. Fischer, Prof Thomas)**

16:15 – 16:30    Quiz of the day

16:30            Conclusion