

EUSOBI MAMMOGRAPHY & BEYOND COURSE 2025:

With a special focus on AI

Organising Committee:

Alexandra Athanasiou, Eva M. Fallenberg, Thomas H. Helbich, Ruud M. Pijnappel, Sophia Zackrisson

Course Programme

February 24-25, 2025 | Vienna, Austria

Monday, February 24, 2025

- 08:00 Opening remarks**
Eva M. Fallenberg, Munich/DE; Sophia Zackrisson, Malmö/SE
- 08:05 Educational Session 1: Update on 3D Mammography/Tomosynthesis/CEM**
Moderators: Eva M. Fallenberg, Munich/DE; Sophia Zackrisson, Malmö/SE
- 08:05 Tomosynthesis: Technique, update and pitfalls (15')**
Stephanie Sauer, Würzburg/DE
- 08:20 CEM: Technique, update and pitfalls (15')**
Paola Clauser, Vienna/AT
- 08:35 Importance of proper patient positioning (15')**
Cary van Landsveld-Verhoeven, Nijmegen/NL
- 08:50 Quality control for Tomosynthesis/CEM status quo and roll of AI (20')**
Gisella Gennaro, Padova/IT
- 09:10 Q&A (10')**
- 09:20 Coffee break**
- 09:50 Hands-On Session 1***
- 11:20 Educational Session 2: Image guided interventions**
Moderators: Alexandra Athanasiou, Athens/GR; Thomas Helbich, Vienna/AT
- 11:20 Image guided interventions with TOMO and CEM (15')**
Rodrigo Alcantara, Barcelona/ES
- 11:35 How to optimize interventional technique in relation to the lesion (15')**
Ruud M. Pijnappel, Utrecht/NL
- 11:50 Wires, Markers & Clips (15')**
Eva M. Fallenberg, Munich/DE
- 12:05 Q&A (10')**
- 12:15 Lunch break**
- 13:15 Hands-On Session 2***
- 14:45 Coffee break**

15:15 Educational Session 3: Update on Screening

Moderators: Ruud M. Pijnappel, Utrecht/NL; Sophia Zackrisson, Malmö/SE

15:15 Screening & early detection: A worldwide outlook (20')

Bettina Borisch, Geneva/CH

15:35 Epidemiologist's view on screening: Do we need a risk adaptation? Personalized vs. population based (15')

Mireille Broeders, Nijmegen/NL

15:50 Different ways to estimate the risk including AI (15')

Mikael Eriksson, Stockholm/SE; Cambridge/UK

16:05 Nation-wide screening with Tomo in France (15')

Isabelle Thomassin-Naggara, Paris/FR

16:20 Nation-wide screening with Ultrasound in Austria (15')

Thomas Helbich, Vienna/AT

16:35 Screening with contrast media (15')

Carla van Gils, Utrecht/NL

16:50 Q&A (10')

17:00 Hands-On Session 3*

18:30 Closing

Tuesday, February 25, 2025

08:30 Hands-On Session 4*

10:00 Coffee break

10:30 Educational Session 4: Radiologist Surgeon Synergy

Moderators: Paola Clouser, Vienna/IT; Rodrigo Alcantara, Barcelona/ES

10:30 A cooperation between the surgeon and the radiologist (20')

Christian F. Singer, Vienna/AT

10:50 B3 Lesions (based on our joint guidelines) (20')

Nisha Sharma, Leeds/UK

11:10 Case show on the impact of Rad path correlation (20')

Machteld Keupers, Leuven/BE

11:30 Management and Imaging of the axilla, lessons learned from ongoing trials (20')

Fleur Kilburn-Toppin, Cambridge/UK

11:50 Q&A (10')

12:00 Lunch break

13:00 Hands-On Session 5*

14:30 Coffee break

15:00 Educational Session 5: AI - From dreams to reality

Moderators: Thomas Helbich, Vienna/AT; Fleur Kilburn-Toppin, Cambridge/UK

15:00 AI and its role in mammography and tomosynthesis (30')

Sophia Zackrisson, Malmö/SE

15:30 Possibilities and limitations (company talks à 5')

15:40 AI and its role in breast ultrasound (20')

Mustafa Erkin Aribal, Istanbul/TR

16:00 Possibilities and limitations (company talks à 5')

16:10 AI and its role in MRI (20')

Daniel Truhn, Aachen/DE

16:30 AI and medical liability (30')

Sonja Dürager, Vienna/AT

17:00 Q&A (10')

17:10 Closing remarks

Thomas Helbich, Vienna/AT; Fleur Kilburn-Toppin, Cambridge/UK

***Hands-on Session Programme**

Hands-on sessions are conducted in small groups. We are planning 5 different Hands-on workshops, and every participant will get the chance to participate in each session. The workshops will focus on different Mammography (MG) based techniques like tomosynthesis, contrast enhanced MG, synthetic MG and CT of the breast. Below is a preliminary overview of the planned hands-on session programme. Titles and tutors are still subject to change.

- 1) From screening to assessment to biopsy: Case-based examples from the entire breast diagnostic pathway**
 Sabine Ohlmeyer, Erlangen/DE
 Stephanie Sauer, Würzburg/DE
- 2) AI for 3D Mammography: Clinical Insights from Two Expert Breast Radiologists**
 Nisha Sharma, Leeds/UK
 Philippa Young, Cardiff/UK
- 3) Impact of CEM & CEM biopsy in the performance of treatment in a breast cancer unit**
 Ana Rodriguez, Barcelona/ES
- 4) Digital mammography evolution from 2D to contrast guided imaging: advanced training and clinical cases presentation**
 Anna Russo, Verona/IT
 Giovanni Irmici, Milan/IT
- 5) Interactive case presentation (tbc)**
 Eva M. Fallenberg, Munich/DE
 Sophia Zackrisson, Malmö/SE