# ESSO Course on Ultrasound in Breast Cancer Surgery

18-19 September 2025 Cremona (IT)

**Chairs**

**José Volders,** Diakonessenhuis Utrecht, Utrecht, NL

**Nicola Rocco,** University Hospital Federico II, Naples, IT

**Faculty**

**Antonio Esgueva,** Clínica Universidad de Navarra, Madrid, SP

**Dante Palli,** Hospital of Piacenza, Piacenza, IT

**Joy Vroemen,** Diakonessenhuis, Utrecht, NL

**Michael Knauer,** Tumor- und BrustZentrum Ostschweiz, Sankt Gallen, CH

**Lisa Jongen,** Diakonessenhuis, Utrecht, NL

**Urvashi Jain,** Manchester University Hospitals NHS Foundation Trust, UK

**Valeria Romeo,** University Hospital Federico II, Naples, IT

**Programme**

Thursday, 18th September

## Basics of Ultrasound and Ultrasound-Guided Breast Surgery

08:30 – 08:40 Welcome and Introduction

*N.Rocco/J.Volders*

08:40 – 09:00 Ultrasound Basics for Surgeons

*J. Vroemen*

09:00 – 09:20 Ultrasound for Breast Surgeons – When, How and Advantages *J.Volders*

09:20 – 09:35 Puncture of Abscess, Core Biopsies, and VABB *V.Romeo*

09:35 – 10:40 Practical Session: Ultrasound-Guided Procedures on Phantoms

*All faculty*

### 10:40 – 11:00 Coffee Break

11:00 – 11:20 Intra-operative Ultrasound: Indications

*A. Esgueva*

11:20- 11:40 Intra-operative Ultrasound: Scientific Evidence

*M.Knauer*

11:40 – 12:00 Intra-operative Ultrasound Guided Surgery: Learning Curve

*J.Volders*

12:00 – 13:00 How I Do It – Intraoperative Ultrasound in Surgery - Surgical Videos and Clinical Cases

 *A. Esgueva/M. Knauer/J. Volders*

### 13:00 – 14:00 Lunch Break

14:00 - 15:30 Practical Session: Workshop with Patients

*all faculty*

### 15:30 – 16:00 | Coffee Break

16:00 – 16:30 Theoretical Session: Margin Assessment Margin Check with US

*A. Esgueva*

16:30 – 17:00 Intraoperative Specimen Imaging: Benefits of 3D Tomosynthesis

*U. Jain*

17:00 – 17:15 Q&A and Wrap-Up

*N.Rocco/ J.Volders*

Friday, 19th September

## Advanced Techniques in Ultrasound-Guided Surgery and Localisation Technologies

08:30 – 09:15 Pearls and Pitfalls

*M.Knauer/A. Esgueva/ L. Jongen*

09:15 – 9:45 Intraoperative Ultrasound (IOUS) in the Neoadjuvant Setting: Breast and Axilla

*M.Knauer*

09:45 – 10:15 Implementing Ultrasound-Guided Surgery

*J.Volders + L. Jongen*

### 10:15-10:45 Coffee Break

10:45 – 12:15 Practical Session: Ultrasound-Guided Lumpectomy on Phantom Models

*all faculty*

### 12:15 – 13:15 Lunch Break

**13:15 – 14:15 Sponsored Session**

14:15 – 15:15 **Practical Session:** Novel Localisation Technologies

*all faculty*

### 15:15 – 15:30 Coffee Break

15:30 – 16:00 Clinical Case Presentations and Discussion

*N.Rocco/J.Volders*

16:00 Wrap-Up

*N.Rocco/J.Volders*

# Sponsored Session by Sirius, Merit and Endomag

# “*Other Localisation Techniques including the Axilla’’*

# Friday 19th September 2025, 13.15 to 14.15

13:15 – 13:30 New Techniques for the Localisation of Non-palpable Lesions and Axillary Lymph Nodes

*N.Rocco*

13:30 – 13:45 The Pintuition Breast Marker for Targeted Axillary Dissection: Experiences from a Randomised Trial

*M. Knauer*

13:45 – 14:00 Effectiveness and Safety of Savi Scout Radar Localisation in Level II and Level III Oncoplastic Breast Conservation Surgery

*A. Vinci*

14:00 – 14:15 Seed + Tracer, Working in Harmony: How the MagTotal Study Redefined Breast Cancer Surgery

*U. Jain*