



# Hands-on Course on Intraoperative Innovative Interventions and Artificial Intelligence for Breast Surgeons

15-16 May 2026 / Mercure İstanbul Altunizade



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## **Chairs**

*Bahadır Gulluoglu, Marmara University The School of Medicine, Istanbul, TR*

*Guldeniz Karadeniz Cakmak, Zonguldak BEUN The School of Medicine, Zonguldak, TR*

## **Faculty Members**

*Ahmet Serdar Karaca, TR*

*Isabel Rubio, ES*

*Cornelia Leo, CHE*

*Behdad Dasht Bozorg, NL*

*Cem Yilmaz, TR*

*Umit Ugurlu, TR*

*Onur Bugdayci, TR*

*Atakan Sezer, TR*

*Ali İlker Filiz, TR*

*Sibel Ozkan Gurdal, TR*

*Hasan Karanlik, TR*

*Beyza Ozcinar, TR*

*Ahmet Erkek, TR*

## **Hands-on Sessions**

*Muhammer Ergenc, TR*

*Berk Goktepe, TR*

*Kayra Cangoz, TR*

*Ulaş Utku Sekerci, TR*

*Merve Tokocin, TR*

*Adnan Gundogdu, TR*

*Suzan Yalcin, TR*

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## Friday 15<sup>th</sup> May

|       |                                                                                                                                                                                                                                                                                                                                                                                 |
|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 08:30 | <b>Opening Ceremony</b><br><b>Theoretical Session I: Basics of Ultrasound and Ultrasound Guided Interventions</b><br><b>Chairs:</b> Ahmet Serdar Karaca, Bahadır Gulluoglu                                                                                                                                                                                                      |
| 08:40 | <b>Ultrasound Fundamentals for Breast Surgeons</b><br>Onur Bugdayci                                                                                                                                                                                                                                                                                                             |
| 09:10 | <b>Ultrasound for Interventional Procedures</b><br>Cornelia Leo                                                                                                                                                                                                                                                                                                                 |
| 09:30 | <b>Ultrasound in Neoadjuvant Setting: Breast and Axilla</b><br>Isabel Rubio                                                                                                                                                                                                                                                                                                     |
| 09:50 | <b>Preoperative 3D Planning Techniques</b><br>Cem Yilmaz                                                                                                                                                                                                                                                                                                                        |
| 10:10 | <b>Pitfalls in Breast Imaging and Proposed Solutions</b><br>Onur Bugdayci                                                                                                                                                                                                                                                                                                       |
| 10:30 | <b>COFFEE BREAK</b>                                                                                                                                                                                                                                                                                                                                                             |
| 11:00 | <b>Case Presentation Session 2: Diagnostic Challenges in Breast Ultrasonography</b><br><b>Chair:</b> Umit Ugurlu<br><b>Abnormal Findings in Breast Ultrasonography: Characteristics of Benign and Malignant Breast Lesions: Case Presentations</b><br><b>Moderator:</b> Guldeniz Karadeniz Cakmak<br><b>Discussants:</b> Isabel Rubio, Cornelia Leo, Hasan Karanlık, Cem Yilmaz |
| 12:00 | <b>Theoretical Session 3: Indications and Technique for Ultrasound-Guided Interventions</b><br><b>Chair:</b> Atakan Sezer<br><b>Indications and Tehnique for Ultrasound Guided Interventions</b><br>Sibel Ozkan Gurdal                                                                                                                                                          |
| 12:15 | <b>Novel Techniques for Intraoperative Localization</b><br>Cornelia Leo                                                                                                                                                                                                                                                                                                         |
| 12:30 | <b>Theoretical Session 4: Intraoperative Ultrasound Guided Surgery</b><br><b>Chair:</b> Sibel Ozkan Gurdal<br><b>IOUS Guided Localization and Margin Assessment</b><br>Guldeniz Karadeniz Cakmak                                                                                                                                                                                |
| 12:50 | <b>IOUS in the Neoadjuvant Setting</b><br>Isabel Rubio                                                                                                                                                                                                                                                                                                                          |
| 13:10 | <b>LUNCH</b>                                                                                                                                                                                                                                                                                                                                                                    |

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### Video Session 5: Ultrasound Applications for Oncoplasty and Breast Reconstruction

**Chair:** Guldeniz Karadeniz Cakmak

14:00 **Video-Based Session: IOUS Guided Surgery (Breast and Axilla)**

Isabel Rubio

14:20 **Doppler-Guided Assessment and Reconstructive Options: Perforator Flaps**

Atakan Sezer

14:40 **The Role of US in Managing Implant and Autologous Reconstruction Complications**

Cornelia Leo

### Theoretical Session 6: Introduction to Innovative Procedures in Surgery

**Chair:** Beyza Ozcinar

15:00 **Cryoablation for Benign and Malignant Disease**

Cem Yilmaz

15:20 **Radiofrequency Ablation for Benign and Malignant Disease**

Umit Ugurlu

15:40 **Techniques Using Indocyanine Green (ICG) in Breast Surgery**

Guldeniz Karadeniz Cakmak

16:00 **COFFEE BREAK**

### Theoretical Session 7: Artificial Intelligence in Breast Surgery

**Chair:** Ali İlker Filiz

16:20 **Introduction to Artificial Intelligence and Its Clinical Applications in Surgery**

Behdad Dasht Bozorg

16:40 **Recent Developments in Artificial Intelligence in Breast Cancer**

Behdad Dasht Bozorg

17:00 **The Future of AI-powered IOUS in Breast Surgery**

Behdad Dasht Bozorg

17:20 **End of the First Day**

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## Saturday 16<sup>th</sup> May

08:30-10:30

**Practical Session: Workshop with Models / Phantoms Part I**  
*(Participants are split to 5 groups for each module)*

**Practical Session Module I: Ultrasound Fundamentals**

*Isabel Rubio, Onur Bugdayci*

**Practical Session Module II: Ultrasound-Guided Core Needle Biopsy**

*Sibel Ozkan Gurdal, Adnan Gundogdu*

**Practical Session Module III: Ultrasound-Guided Marker Placement**

*Cornelia Leo, Merve Tokoçin*

**Practical Session Module IV: Ablative Techniques – Cryoablation**

*Cem Yılmaz, Ulaş Utku Şekerci*

**Practical Session Module V: Ablative Techniques – RF Ablation**

*Umit Ugurlu, Muhammer Ergenc*

**Practical Session Module VI: Intraoperative Localization Techniques and Surgical Margin Assessment**

*Guldeniz Karadeniz Cakmak, Kayra Cangöz*

**Practical Session Module VII: Perioperative Planning with Doppler Ultrasound**

*Atakan Sezer, Ali İlker Filiz*

**Practical Session Module VIII: Ultrasound-Guided Breast Cyst Aspiration and Fine-Needle Biopsy**

*Beyza Ozcinar, Suzan Yalçın*

**Practical Session Module IX: Procedures Guided by Indocyanine Green (ICG)**

*Berk Goktepe*

**Practical Session Module X: AI-powered Ultrasound**

*Behdad Dasht Bozorg, Ahmet Erkek*

10:30

**COFFEE BREAK**

# Hands-on Course on Intraoperative Innovative Interventions and Artificial Intelligence for Breast Surgeons

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## Saturday 16<sup>th</sup> May

10:50-12:50

**Practical Session: Workshop with Models/Phantoms Part II**  
*(Participants are split to 5 groups for each module)*

**Practical Session Module I: Ultrasound Fundamentals**

*Isabel Rubio, Onur Bugdayci*

**Practical Session Module II: Ultrasound-Guided Core Needle Biopsy**

*Sibel Ozkan Gurdal, Adnan Gundogdu*

**Practical Session Module III: Ultrasound-Guided Marker Placement**

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12:50

**Closing Ceremony**

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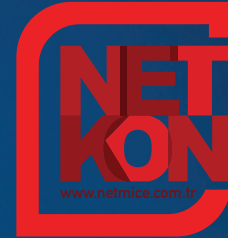
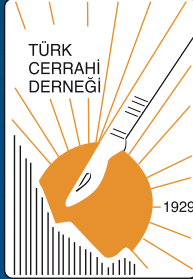
## Limited to 45 Participants Registration Fee

|             |          |
|-------------|----------|
| TSS Member  | 300 EURO |
| ESSO Member | 300 EURO |
| Non-Member  | 500 EURO |

***\*For registration; merve@netmice.com.tr***

CONGRESS SCIENTIFIC SECRETARIAT

CONGRESS ORGANIZING SECRETARIAT



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