



[breastmasterclass.com](http://breastmasterclass.com)

# SENUMS

## ULTRASONOGRAPHY IN BREAST SURGERY WORKSHOP



Venue / Date:  
DoubleTree by Hilton Hotel  
Istanbul-Moda  
September 12-13, 2022



## Breast Master Class

Dear Colleagues,

International Senologic Ultrasound (SENUM) Workshop will be held during 12-13 September 2022 in Istanbul for the second time as a part of the “Breast Master Class” Diploma Programme. The positive feedback from the attendees of the first workshop in late May 2019 urged us to organize the second one. Although we planned it back in 2020, the COVID pandemic prevented us to run it at that time. With slight revisions to the program, this workshop is specially designed for breast surgeons with its curriculum and objectives including both diagnostic and interventional competencies.

Today, contemporary practice in breast care requires image-aided diagnosis, treatment and surveillance. Ultrasound is the most feasible, mobile and cheap tool for these tasks. Technology in each passing day transforms this handy tool into a more and more small and accurate device. Apart from technological advancements in imaging, improvements in breast cancer treatment urge surgical resections to become more limited. Nonetheless, along with these cutting-edge changes, interventional ablation and resection techniques are underway for the benefit of cancer patients. In near future, we believe that majority of patients will be treated by image-guided resection or ablation techniques before or after systemic treatments.

Therefore, it will be paramount for surgeons to become competent with ultrasound imaging and its utility for guiding both routine wide local excisions and minimal invasive lesion ablations. As the role of surgeons is evolving to a multi-task physician, we recommend breast surgeons be trained and become competent in reconstructive surgery, molecular oncology, pathology and as well as breast imaging in order to become a contemporary “breast physician/specialists”. Surgeons would continue to dominate the field of breast oncology as being the only physicians dealing with the management of the organs’ other diseases/conditions, only if they show the willingness to expand their competencies.

SENUM workshop program includes both theoretical lectures and hands-on training on live models/patients and phantom models fabricated for this type of training. SENATURK faculty composed of experienced breast surgeons who already use ultrasound every day in their outpatient clinics and theaters will be lecturing/teaching as core tutors. The language of the workshop will be English. Small-group modules will be held in order to provide the trainees maximum opportunity for individual training under coaching. Therefore registration is open to only 24 trainees.

I am confident that organizers will be very pleased to host those breast surgeons who are willing to catch the new era in holistic breast care both for benign and malignant issues. Every year, I see the SENATURK faculty’s robust motivation for conveying their experience to those trainees who show deep enthusiasm for their profession. Therefore, do not miss the opportunity!

With all my best wishes,

*Bahadır M. Gulluoglu*

MD, FACS, FEBS (Hon)  
President  
SENATURK



## Breast Master Class

Dear Colleagues,

For more than 25 years ultrasound in breast surgery evolved and became a part of routine practice. In the hands of breast surgeons, ultrasonography is a time-saving, cost-reducing device. In many publications, it is proven that ultrasonography both preoperatively and perioperatively increases breast health service quality. With the aim of distributing and promoting breast surgeons' ultrasonography training Breast Master Class and SENATURK organized several trainings with international collaborates.

These trainings of ultrasound began in 2014 and now under the brand of SENUS, Breast Master Class is proud to announce its 2022 Breast Ultrasound Course. The curriculum is organized with the feedback of previous courses. All the details are carefully inspected and organized. The trainers are selected from breast surgeons who have the highest experience in their fields. The materials and technologies are carefully selected to increase end user compatibility. We are ready to host you in Istanbul where the continents meet.

With our best regards,

*Dr. Cem Yılmaz*

*Dr. Gldeniz Karadeniz Çakmak*



# SENUM

## Diagnostic and Interventional Breast Ultrasound Course 2022

### Main Topics

September 12-13, 2022 - Istanbul, Türkiye

#### **Theoretical Session I: Instrumentation and Ultrasound Guided Breast Examination**

*Scope of Ultrasound for Breast Surgeons*

*Basic Principles of Ultrasound* (Gray Scale, Doppler, Elastography)

*Physical Principles of Ultrasound I* (System Adjustments, Probes)

*Physical Principles of Ultrasound II* (Patient Positioning, Indications and Technique for Scanning Description, Image Capturing)

#### **Theoretical Session II: Identification of Normal Breast Ultrasound Anatomy**

*Breast Anatomy and Embriology*

*Sonographic Details of Breast Anatomy* (Lactiferous Ducts, Parenchyma, Vascular and Lymphatic (axilla) Structures)

*Sonographic Breast Anatomy During Lifetime* (Adolescence, Pregnancy, Lactation and Involutional Status etc...)

*Documentation and Reporting*

#### **Theoretical Session III: Abnormal Ultrasound Findings**

*Benign vs. Malignant Characteristics: General Sonographic Features for Differential Diagnosis*

*Specific Benign Lesions and Sonographic Features*

*Malignant Characteristics of Focal Lesions*

*Correlation with MMG and MRI*

#### **Practical Session: Module I**

*Breast Ultrasound Optimisation* (Device optimisation) / Ultrasound Guided Breast Examination

#### **Theoretical Session IV: Image Guided Interventions**

*Indications and Technique for US-Guided Biopsy* (Breast and Axillary)

*What to Do Next Regarding Pathology Report? Dilemmas in Image-Guided Pathology:*

*Case Presentations*



# SENUŠ

## Diagnostic and Interventional Breast Ultrasound Course 2022

### Main Topics

September 12-13, 2022 - Istanbul, Türkiye

#### **Theoretical Session V: Ultrasound in Surgery**

*Role of Surgeon Performed Breast Ultrasound in Preoperative Evaluation*

*Intraoperative Ultrasound for Localization and Margin Assessment*

*Implants and Ultrasound*

*Magnetic Seed and ROLL for Non-Palpable Lesions*

*Complication Management and Follow-up with Ultrasound in Breast Care*

#### **Theoretical Session V – Future of Ultrasound and Ablative Technologies in Breast Therapy**

*Machine and Deep Learning in The Era of AI-What is Relevant in Breast Cancer Imaging*

*Minimal Invasive Therapy – “Frying”*

*Minimal Invasive Therapy – “Freezing”*

#### **Practical Session: Module II**

Ultrasound Guided Lumpectomy and Margin Safety

#### **Practical Session: Module III**

Ultrasound Guided CNB, WL, Clip Placement and Dye/Radiocolloid Injections

#### **Practical Session: Module IV**

Ultrasound Guided FNA/Abscess Aspiration

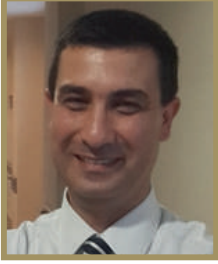
#### **Practical Session: Module V**

Ultrasound Guided Vacuum Excision/VAAB

#### **Practical Session: Module VI**

Ultrasound Guided Ablative Techniques (cryo/RF)

# TRAINERS / TUTORS



**Bahadır Güllüoğlu**  
Marmara University,  
Faculty of Medicine,  
Department of General Surgery



**Nuh Zafer Cantürk**  
Kocaeli University,  
Faculty of Medicine,  
Department of General Surgery



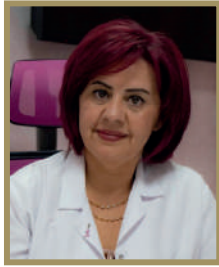
**Abut Kebudi**  
Istanbul Okan  
University Hospital,  
Department of General Surgery



**Güldeniz Karadeniz Çakmak**  
Zonguldak Bülent Ecevit University  
Faculty of Medicine, Department of  
General Surgery



**Cem Yılmaz**  
Istanbul Breast Center Director



**Sibel Özkan Gürdal**  
Tekirdağ Namık Kemal  
University Faculty of Medicine,  
Department of General Surgery



**Sertaç Ata Güler**  
Kocaeli University  
Faculty of Medicine,  
Department of General Surgery



**Beyza Özçınar**  
Istanbul University  
Istanbul Faculty of Medicine,  
Department of General Surgery



**Müjgan Çalışkan**  
Istanbul Breast Center



**Mustafa Ümit Uğurlu**  
Marmara University,  
Faculty of Medicine,  
Department of General Surgery



# REGISTRATION INFO & INSTRUCTIONS

## Registration Fee:

500 EUR

## Who May Register?

The workshop is open to General Surgery, Plastic, Reconstructive and Aesthetic Surgery & Gynecology specialists and residents in training.

- Number of participants is limited to 24 trainees.
- Registration will not be confirmed until total registration fee is received.
- Participants who transferred the payment will have the priority for registration.
- Yerli katılımcılar Türk lirası ile ödeme yapabilir. Ödeme miktarı 1 Avro = 16 TL üzerinden hesaplanmalıdır.

During bank transfer please write "SENUS & participant's name-surname " as explanation. Please visit the event website to find, read and fill the registration form. After you complete the payment transfer, please kindly send the transaction receipt by e-mail to Mr. Serdar Dikmen [serdardikmen@nlmice.com](mailto:serdardikmen@nlmice.com).

## For your further queries please contact:

Mr. SERDAR DİKMEN

[serdardikmen@nlmice.com](mailto:serdardikmen@nlmice.com)

+90 535 666 37 90

# PREVIOUS COURSE







# SENUM

ULTRASONOGRAPHY IN BREAST SURGERY WORKSHOP



[breastmasterclass.com](http://breastmasterclass.com)

# SENUŞ

ULTRASONOGRAPHY  
IN BREAST  
SURGERY WORKSHOP



DoubleTree by Hilton Hotel  
Istanbul-Moda