



HELLENIC BREAST
IMAGING SOCIETY

Active Member of Senologic
International Society

Breast Seminar

Organized by the
Hellenic Breast Imaging Society

President: ATHINA VOURTSIS, MD, PhD
Radiologist

Advanced Course on Multimodality Detection and Diagnosis of Breast Diseases

László Tabár, MD FACR (HON)
Professor Emeritus of Radiology
Falun, Sweden

June 3-5
2016

Athens
Greece

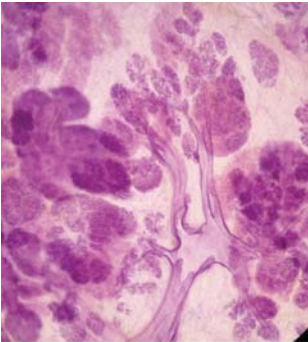
Hotel
Divani Caravel

Designed for:
Radiologists • Surgeons • Pathologists

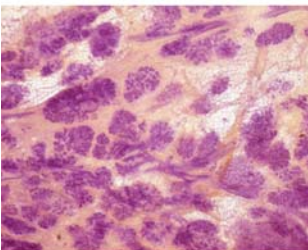
Implications of mammography, MRI, breast ultrasound
and interventional methods in your practice

This course provides extensive knowledge about diagnostic
breast imaging, differential diagnosis of breast diseases, implications
for management and newest diagnostic technologies

scientific program



3D image of the breast tissue



The normal TDLUs have
bud-like acini



Gadovist® 1.0

Gadobutrol



L GR.MKT.FI.04.2016.0034

Βοηθήστε να γίνουν τα φάρμακα πιο ασφαλή και
Αναφέρετε
ΟΛΕΣ τις ανεπιθύμητες ενέργειες για
ΟΛΑ τα φάρμακα
Συμπληρώνοντας την «ΚΙΤΡΙΝΗ ΚΑΡΤΑ»

Πριν τη συνταγογράφηση συμβουλευθείτε την Περίληψη
Χαρακτηριστικών του Προϊόντος που διατίθεται στο εκθετήριο



Bayer

Ελλάδα: GADOVIST PFS: KAK: Bayer Ελλάς ABEE,
Τηλ.: + 30 210 6187500
Κύπρος: GADOVIST PFS
Καρ. Ειδ. Αδ. Κυκλ.: Bayer Ελλάς ABEE/Τοπικός αντιπρόσωπος:
Novagem Ltd, Τηλ. +35722483858
Τμήμα Επιστημονικής Ενημέρωσης
Τηλ. +302106187742
Fax: +302106187522
Email: medinfo.gr.cy@bayer.com

Breast Seminar

Advanced Course on Multimodality Detection and Diagnosis of Breast Diseases



HELLENIC BREAST
IMAGING SOCIETY

Active Member of Senologic
International Society

Breast Seminar

Welcome address

Dear Colleagues and friends,

On behalf of the Hellenic Breast Imaging Society it is a great pleasure and privilege as part of our educational activities this year to host the world-famous Breast Imaging Professor Emeritus of Falun University, Sweden **LASZLO TABAR** for a three-day intensive course.

The course is entitled «**Advanced Course on Multimodality Detection and Diagnosis of Breast Diseases**» and Professor **LASZLO TABAR** will be lecturing during the entire course. This course is addressed to all health professionals specialized in breast diseases (radiologists, pathologists, surgeons, gynecologists).

Participants will be given the opportunity to improve their interpretative expertise and improve their skills in the detection of early breast cancer as well as increasing their confidence in the usefulness of different modalities. Additionally, a workshop will be provided on the new technology of Invenia ABUS automated breast ultrasound.

Wishing you all a fruitful and successful three-day course.

The President

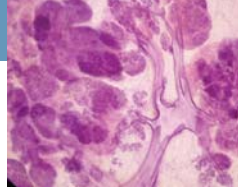


Athina Vourtsis MD, PhD

General Secretary



Alexandra Athanasiou MD, MSc



Welcome letter

Dear Colleagues,

Throughout history women have detected their own breast cancers and, often after a considerable delay, have brought these palpable tumors to the attention of their physicians. The development of modern breast imaging methods has resulted in a paradigm shift in diagnosing and treating breast cancer. Regular mammography screening can bring about a profound change in the spectrum of the disease since it shifts the balance of breast cancers from mainly palpable to mainly impalpable cases, most of which are still localized to the breast. Interdisciplinary breast centers provide the environment for developing and sustaining the expertise and renewed commitment necessary to meet the challenge in detecting preclinical breast cancer and also tailoring the treatment accordingly. A consensus decision made by the specialists at the pretreatment planning conference is in the best interest of the patient. Detection, diagnosis and treatment of early breast cancer requires creative interdisciplinary teamwork, supported by histopathologic methods matching modern imaging methods. Therefore, all members of the diagnostic and therapeutic teams are welcome to this intensive course on detection and diagnosis of breast diseases with implications on treatment.

László Tabár, MD FACR (HON)

Breast Seminar

Organizing Committee

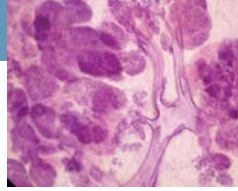
President: A. Vourtsis

Members: A. Athanasiou
I. Chrysogonidis
K. Kantzavelos
K. Koufopoulos
S. Lazarou
E. Panourgia
A. Rousakis

Faculty



László Tabár, MD FACR (HON)
Invited Speaker
*Professor emeritus of Radiology
Department of Mammography,
Falun, Sweden*
www.tabarfoundation.org



Scientific program

June 3^{1st} day

Morning lectures between 09:00 and 12:00

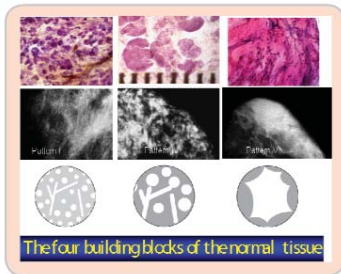
Breaks: 10:00 and 11:00

09:00 INTRODUCTION FOLLOWED BY DIDACTIC LECTURES COVERING:

A NEW ERA in the DIAGNOSIS and TREATMENT of BREAST CANCER.
THE ISSUE of UNI- and MULTIFOCALITY - CLINICAL IMPLICATIONS

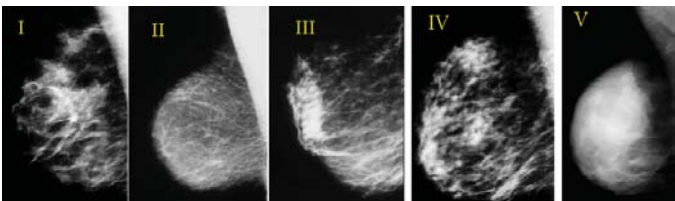
THE BASIS FOR EFFICIENT INTERPRETATION OF THE MAMMOGRAPHIC
IMAGE

- Correlative 3-dimensional, subgross anatomy and mammography of the normal breast
- **The problem:** The variable appearance of the normal mammogram.
- **The solution:** classification into structural subtypes, mammographic parenchymal patterns, based on 3D/subgross histologic-mammographic correlation.
- **Result:** Increased confidence in reading a mammogram and finding subtle perceptual Abnormalities



MAMMOGRAPHIC PARENCHYMAL PATTERNS

- Practical implication, problems and solutions. Mammographic patterns and the risk of developing breast cancer. Understanding the mammograms of dense breasts.



Lunch: 12:00-13:00

Breast Seminar

June 3 1st day

Afternoon lectures between 13:00 and 17:00

Breaks: 14:30 and 15:45

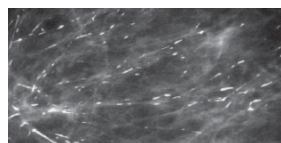
13:00 INTERACTIVE LECTURE SERIES WILL COVER THE FOLLOWING TOPICS:

ALGORITHM FOR CLASSIFYING BREAST DISEASES ACCORDING TO THEIR SITE OF ORIGIN

Breast diseases originating in the major ducts

- **Benign type calcifications** originating in the major ducts

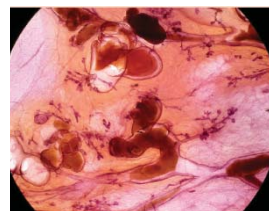
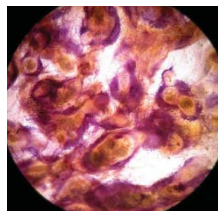
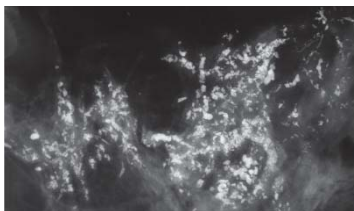
a) Secretory disease type calcifications



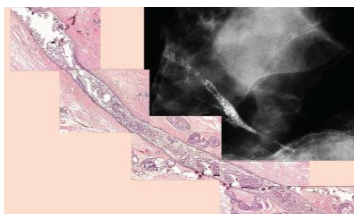
- **Malignant type calcifications** originating in the major ducts

Four different malignant type calcifications developing in the major ducts:

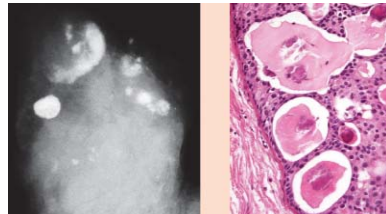
a) fragmented casting type calcifications



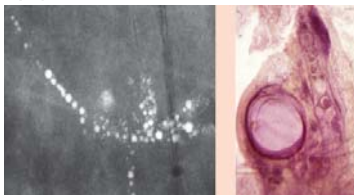
b) dotted casting type calcifications



c) skipping stone-like calcifications

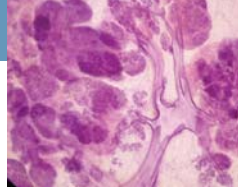


d) pearl necklace-like calcifications



- * The concept of **neoductogenesis**. Long-term follow-up results. New aspects, correct terminology.
- * The role of breast MRI examination in demonstrating the extent of Gr 3 in situ carcinoma.
- * Mammographic/3D histologic correlation helping to explain the underlying pathophysiology and outcome.

17:00 End of the lectures for the day



June 4th 2nd day

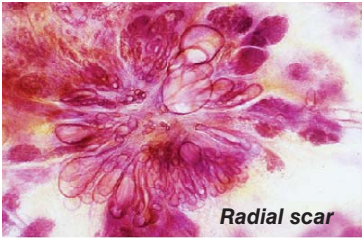
Morning lectures between 08:30 and 12:00

Breaks: 10:00 and 11:00

08:30 NON – CALCIFIED ASYMMETRIC DENSITIES WITH ARCHITECTURAL DISTORTION ON THE MAMMOGRAM

ANALYSIS of BENIGN RADIATING STRUCTURES on the mammogram, originating in the ducts

- **Radial scar.** A suggested algorithm for the workup of stellate lesions
- Indications and contraindications of using minimally invasive preoperative diagnostic techniques.



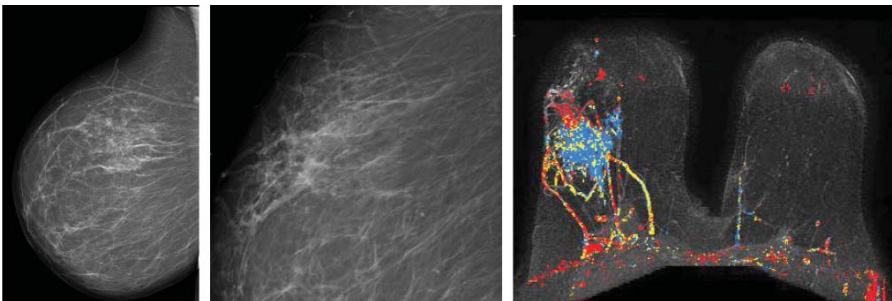
Radial scar



Neoductgenesis

ANALYSIS of MALIGNANT LESIONS PRESENTED as RADIATING STRUCTURES on the mammogram. Clinical presentation, mammographic appearance and outcome

- **Duct forming invasive carcinoma/ Neoductgenesis** cases presenting on the mammogram as architectural distortion
- A suggested algorithm for the workup of lesions with architectural distortion
- Indications and contraindications of using minimally invasive preoperative diagnostic techniques. **The role of breast MRI in diagnosing diffuse breast cancers.**



Non-calcified architectural distortion: extensive duct forming invasive cancer

Lunch: 12:00-13:00



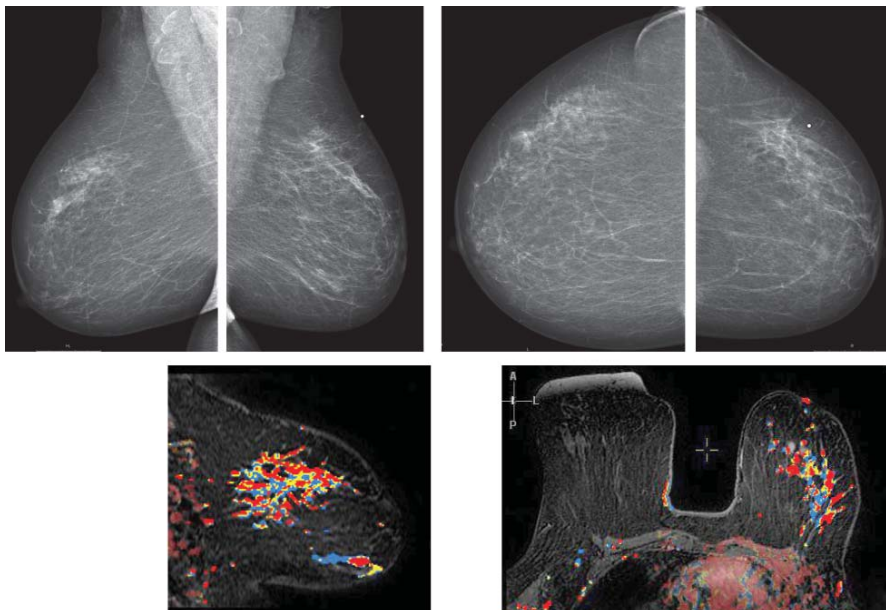
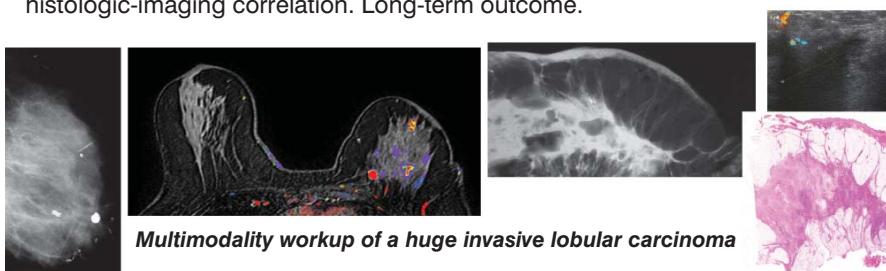
Breast Seminar

June 4th 2nd day

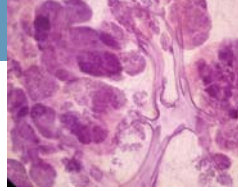
Afternoon lectures between 13:00 and 16:30

13:00 ANALYSIS of MALIGNANT LESIONS PRESENTED as RADIATING STRUCTURES on the mammogram. Clinical presentation, mammographic appearance and outcome

- **Diffuse form of invasive lobular carcinoma:** the most deceptive and frequently missed cancer of the breast. The value of **ultrasound and MRI** in finding and diagnosis invasive lobular cancer subtypes. Case demonstrations, histologic-imaging correlation. Long-term outcome.



16:30 End of the lectures for the day



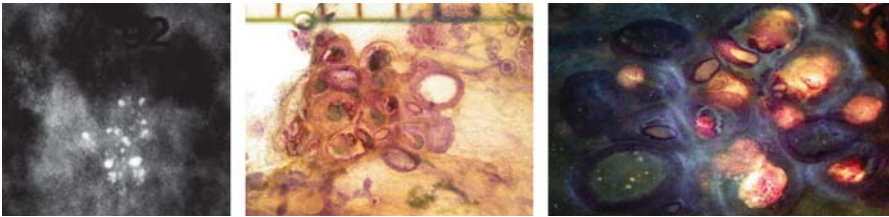
June 5th 3rd day

Morning lectures between 08:00 and 12:00

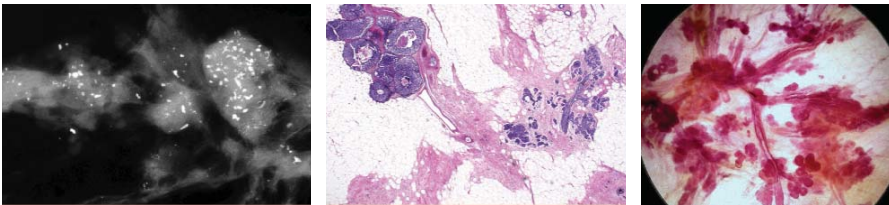
Breaks: 09:30 and 11:00

08:00 THE DIDACTIC LECTURE SERIES WILL COVER THE FOLLOWING TOPICS:

Grade 2 cancer in situ: Mammographic / 3-D histologic / **MRI correlation** of cases with crushed stone-like/pleomorphic calcifications on the mammogram.

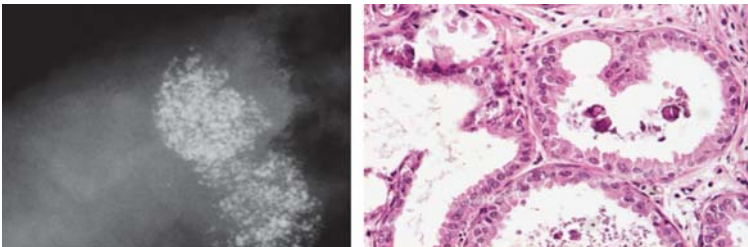


Mammographic / 3D histologic correlation of pleomorphic calcifications



Mammographic / histologic correlation of pleomorphic calcifications

- The morphologic analysis of calcifications representing a less aggressive carcinoma: **well differentiated CIS**



Grade 1 in situ carcinoma: Mammographic / 3D histologic / MRI correlation of cases with powdery calcifications on the mammogram

Lunch: 12:00-13:00

Breast Seminar

June 5th 3rd day

Afternoon lectures between 13:00 and 16:30

Breaks: 14:30 and 15:30

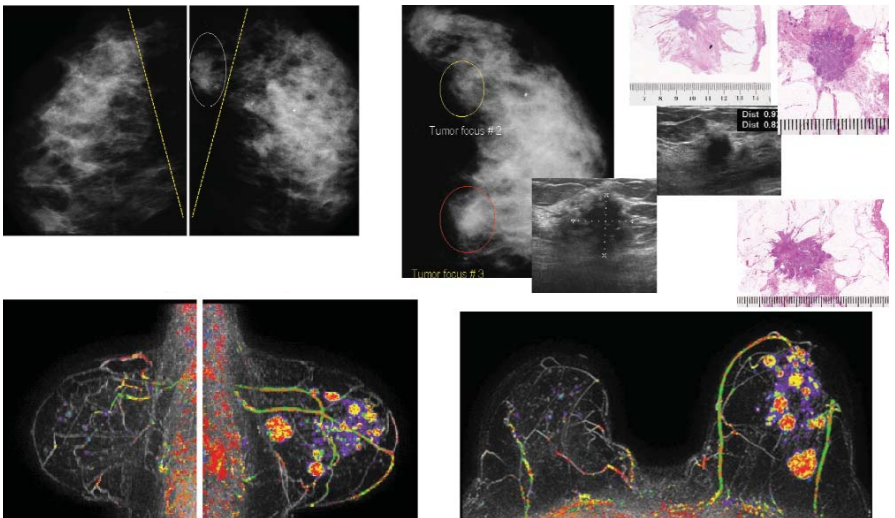
HOW TO FIND THE INVASIVE BREAST CANCER WHEN IT IS STILL SMALL. SCREENING COMBINED WITH AN ANALYTICAL APPROACH FOR THE DIFFERENTIAL DIAGNOSIS OF STELLATE/SPICULATED LESIONS.

- A systematic method for viewing mammograms. Areas on the mammogram where most breast cancers will be found. Viewing dense breasts. Viewing relatively easy-to-read breasts

PRACTICE IN PERCEPTION OF SUBTLE, NON CALCIFIED CANCERS (AAB)

The role of hand-held ultrasound/ 3D automated ultrasound / MRI in the detection and workup of the findings. The multimodality approach.

- UNIFOCAL AND MULTIFOCAL IN SITU AND INVASIVE ACINAR ADENOCARCINOMA OF THE BREAST (AAB)



Multifocal invasive and in situ carcinoma on an area measuring 180x60 mm pN 4/9

16:30 End of the course

Join us to view beyond mammography with **Automated Breast Ultrasound** technology that looks differently at dense breast tissue.

You are cordially invited to a special, interactive hands-on workshop to explore the benefits of Automated Breast Ultrasound as supplemental breast cancer screening technology.

Workshop includes:

Case demonstration of normal breast structures, benign and malignant findings using 3D Ultrasound Volumes.



imagination at work

Title:

3D Automated Breast Ultrasound (ABUS): An Interactive Hands-on Workshop

Workshop Leader:

Alexandra Schulz,
Clinical Marketing Manager ABUS,
GE Healthcare

Date:

Friday, June 3rd, 17:00 - 18:00

Saturday, June 4th, 16:30 - 17:30

Saturday, June 4th, 17:30 - 18:30

Location: Room VERGINA,

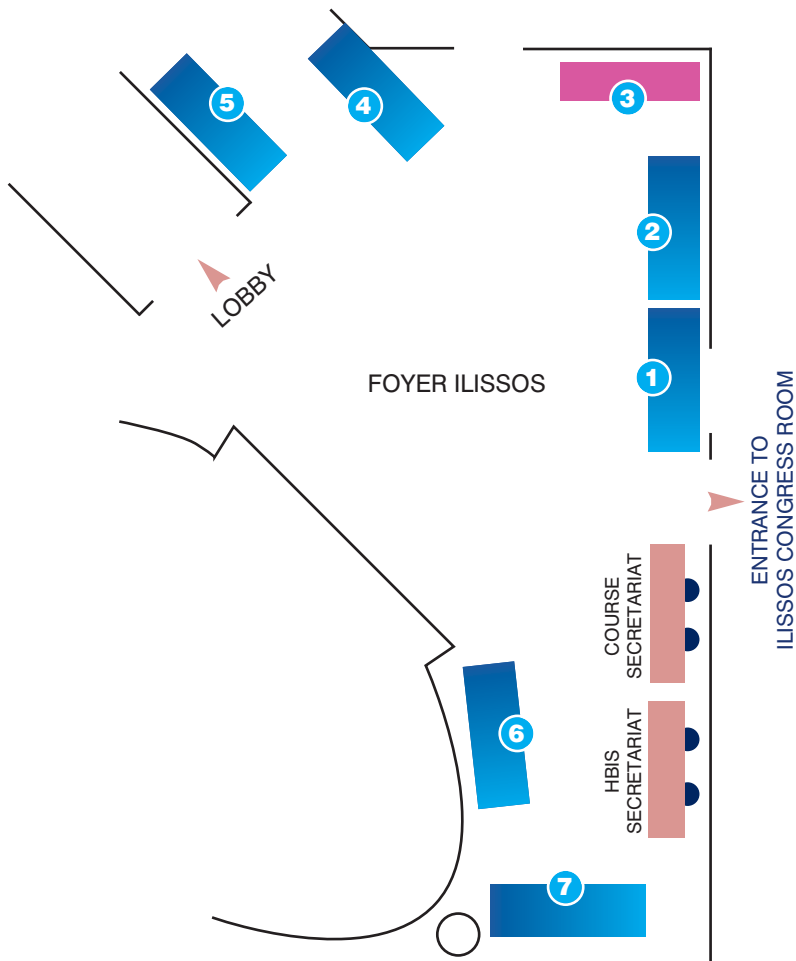
Divani Caravel











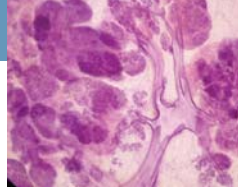
Breast Seminar

Exhibition area



BOOTHS - COMPANIES

1	2	3	4
 imagination at work		 health information technology	
5	6	7	
	 SMG Healthcare Hellas s.a. <small>W:smg.gr - E:info@smg.gr</small>		



Sponsors

The Organizing Committee of «Advanced Course on Multimodality Detection and Diagnosis of Breast Diseases» would like to thank the following companies:



ALPHA BANK



imagination at work



Bayer

PAPAPOSTOLOU
MEDICAL EQUIPMENT CENTER

FUJIFILM



SMG Healthcare Hellas s.a.
W:smg.gr - E:info@smg.gr

KMS medical

PHILIPS

grafimedia
health information technology

Athens, Greece

June 3-5 2016



Breast Seminar

General information

Organized by:



HELLENIC BREAST
IMAGING SOCIETY

Kifisias 362, Xalandri, Zip Code: 15233

Tel: 210 68 98 780, Fax: 210 68 98 796

e-mail: info@hbis.gr • Website: www.hbis.gr

Course Location:

Divani Caravel Hotel

Vasileos Alexandrou 2,

Athens 161 21

Dates

3 – 5 June 2016

Registration Cost: 300€

Registration cost includes:

- Admission to all sessions
- Congress proceedings – material, certificate of attendance
- Coffee breaks, light lunches during the course

Language

The official language of the Course is English.

Simultaneous translation will be provided.

Certificate of Attendance

Based on the last circular of National Organization of Medicines, there will be a barcode system of attendance. At the end of the Course a certificate will be given to those who have attended at least 60% of total scientific time. The number of Credits of Continuing Medical Education (CME -CPD) that will be granted to the Participants will be calculated based on the time of attendance. **12 CME-CPD Credits will be provided.**

Course website: www.drtabarcourseathens2016.com

Course Secretariat



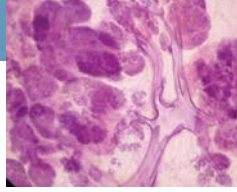
E.T.S. Events & Travel Solutions S.A.

154 El. Venizelou, 171 22 N.Smirni

Tel.: 210-98 80 032 Fax: 210-98 81 303

E-mail: ets@otenet.gr, ets@events.gr

www.events.gr



Notes

A series of horizontal dotted lines for taking notes, spanning the width of the page.



Breast Seminar

Notes

A series of horizontal dotted lines for taking notes, spanning the width of the page below the 'Notes' header.



New spectral benefits, proven low dose



Philips is developing a **Low Dose Spectral Tomosynthesis*** solution which will be available as an upgrade for the new MicroDose SI configuration

*Low Dose Spectral Tomosynthesis is work in progress



Easy access to rotation and height adjustment in four different places

Dedicated compression paddles to cover different breast sizes

Isocentric rotation: no need for height adjustments between projections

Motorized compression with foot pedals

Dedicated shortcut keypad to automatically control your workflow

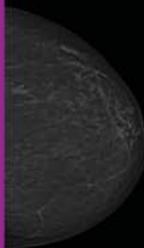
X-ray exposure from the acquisition workstation

Optional X-ray exposure foot switch for more flexibility

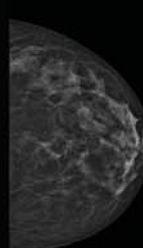
Optional height-adjustable workstation table

Paving the way for personalized care

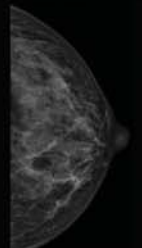
- Objective spectral volumetric breast density measurements
- Objective scoring correlated to BI-RADS breast composition score
- Automatic scoring can help reduce reading and reporting time
- Refined breast density assessment can potentially lead to personalized breast examinations



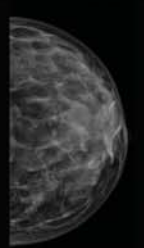
Volumetric glandularity: 8%
Glandular volume: 146 cm³
Breast volume: 1825 cm³
MicroDose Density Score: I



Volumetric glandularity: 15%
Glandular volume: 135 cm³
Breast volume: 899 cm³
MicroDose Density Score: II



Volumetric glandularity: 46%
Glandular volume: 168 cm³
Breast volume: 366 cm³
MicroDose Density Score: III



Volumetric glandularity: 68%
Glandular volume: 269 cm³
Breast volume: 395 cm³
MicroDose Density Score: IV

Breast Seminar

Advanced Course on Multimodality Detection and Diagnosis of Breast Diseases

June 3-5
2016 Athens
Greece
Hotel
Divani Caravel



HELLENIC BREAST
IMAGING SOCIETY

Active Member of Senologic
International Society

Course Secretariat:  **E.T.S. Events & Travel Solutions S.A.**
154 El. Venizelou, 171 22 N.Smirni, Tel.: 210-98 80 032 Fax: 210-98 81 303