

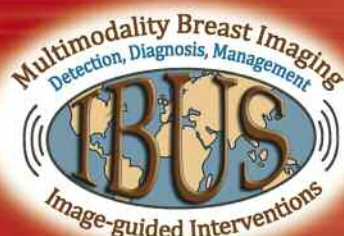
# IBUS MULTIMODALITY BREAST IMAGING AND IMAGE-GUIDED INTERVENTIONS COURSE

*Detection, Diagnosis, Management*

Arranged by: **IBUS with the  
Scientific Society of Mastology | Treatment | Support**

**9-11 June 2016**

**Athens, Greece**



This course is recommended by  
the European School of Oncology (ESO)



A three-day teaching programme with Lectures,  
Interactive Sessions, and "Hands-on" Practical Workshops

An application has been made to the EACCME for CME accreditation.  
Can be converted to AMA PRA category 1 credits by USA participants.

## Faculty

J. Bamber (United Kingdom)  
E. Durante (Italy)  
J. Jellins (Australia)  
D. Koufoudakis (Greece)  
K. Linos (USA)  
T. Loupas (France)

E. Mendelson (USA)  
E. O'Flynn (United Kingdom)  
F. Schäfer (Germany)  
A. Vourtsis (Greece)  
G. Xepapadakis (Greece)

## Course Secretariat

### For registration & accommodation details

PRC CONGRESS & TRAVEL  
105, Michalakopoulou str.,  
11527 Athens - Greece  
Tel: +30 210 7711673  
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### For general information

send an e-mail to [info@ibus.org](mailto:info@ibus.org)  
or visit <http://www.ibus.org>

### Course venue

EUGENIDES FOUNDATION  
387, Syggrou Ave.  
17564 Paleo Faliro  
Athens, Greece



**Thursday, June 9<sup>th</sup>, 2016**

<u>08.30-09.00</u>	Registration	
<u>09.00-09.10</u>	Welcome remarks	<i>G. Xepapadakis E. Durante</i>
<u>09.10-09.20</u>	Introduction	<i>D. Koufoudakis</i>
<u>09.20-09.40</u>	The IBUS Story - Success in Education	<i>J. Jellins</i>
<u>09.40-10.00</u>	Breast cancer demographics-Europe and Greece	<i>P. Ntasiou</i>
<u>10.00-10.40</u>	Ultrasound physics and image optimisation	<i>J.C. Bamber</i>
<u>10.40-11.00</u>	Coffee break	
<u>11.00-11.30</u>	Breast ultrasound – Equipment, technique and pitfalls	<i>E.B. Mendelson</i>
<u>11.30-12.00</u>	Anatomy of the breast and axilla U/S Mammography and MRI applied	<i>D. Koufoudakis</i>
<u>12.00-12.30</u>	Breast ultrasound: Clinical indications and selection of cases	<i>E. O'Flynn</i>
<u>12.30-13.30</u>	Preoperative localization of non -palpable lesions Live surgery	<i>E. Durante G. Xepapadakis</i>
<u>13.30-14.00</u>	Lunch	
<u>14.00-14.30</u>	Video Session: Scanning of the breast	<i>Facilitator: D. Koufoudakis</i>
<u>14.30-15.30</u>	BI-RADS (ultrasound, mammography, MRI)	<i>E.B. Mendelson</i>
<u>15.30-15.50</u>	Coffee break	
<u>15.50-16.20</u>	Ultrasound guided interventions of the breast	<i>D. Koufoudakis</i>
<u>16.20-16.50</u>	Sonographic/mammographic appearance of benign lesions	<i>E. Durante</i>
<u>16.50 -17.20</u>	Sonographic/mammographic appearance of malignant lesions	<i>F.K.W. Schäfer</i>
<u>17.20-17.30</u>	Workshop briefing	
	<b>HANDS-ON</b>	
<u>17.30-18.00</u>	1. Scanning of the breast and axilla 2. US guided core biopsy	<i>A. Vourtsis E. Durante</i>
<u>18.00-18.30</u>	3. US guided vacuum assisted biopsy 4. Stereotactic breast biopsy	<i>F.K.W. Schäfer D. Koufoudakis</i>
<u>18.30- 19.00</u>	5. Equipment knobology and image optimization 6. Breast elastography	<i>J.C. Bamber E. O' Flynn</i>
<u>19.00</u>	Adjournment	

**Friday, June 10<sup>th</sup>, 2016**

<u>08.30-08.40</u>	Daily review	<i>D. Koufoudakis</i>
<u>08.40-09.00</u>	Video session: Ultrasound guided interventions	<i>Facilitators: D. Koufoudakis F.K.W. Schäfer</i>
<u>09.00-09.30</u>	Breast cancer biology	<i>K. Linos</i>
<u>09.30-10.00</u>	Lobar anatomy and the sick lobe concept	<i>E. Durante</i>
<u>10.00-10.30</u>	Principles of mammography	<i>A. Vourtsis</i>
<u>10.30-11.00</u>	Microcalcifications: to biopsy or not /when and why	<i>D. Koufoudakis</i>
<u>11.00-11.20</u>	Coffee break	

<u>11.20-11.50</u>	Doppler principles	<i>J.C. Bamber</i>
<u>11.50-12.30</u>	Breast MRI indications/ MR guided interventions	<i>E. O'Flynn</i>
<u>12.30-13.00</u>	Physics and technology of ultrasound elastography techniques	<i>T. Loupas</i>
<u>13.00-13.30</u>	State of the art – Breast elastography	<i>F.K.W. Schäfer</i>
<u>13.30-14.00</u>	Lunch	
<u>14.00-15.30</u>	Panel Discussion: Breast Needle biopsies Indications: tips and pitfalls (20min) Clinical decision making (20min) Interpreting the pathology report (30 min) Open Discussion (20 min)	<i>F.K.W. Schäfer D. Koufoudakis K. Linos</i>
<u>15.30-16.00</u>	Advanced functional MRI	<i>E. O'Flynn</i>
<u>16.00-16.20</u>	Coffee break	
<u>16.20-16.50</u>	Mammography pitfalls and pearls	<i>A. Vourtsis</i>
<u>16.50-17.20</u>	Ultrafast imaging: Principles and applications	<i>T. Loupas</i>
<u>17.20-17.30</u>	Move to workshop	
	<b>HANDS-ON</b>	
<u>17.30-18.00</u>	7. Scanning of the breast and axilla	<i>A. Vourtsis</i>
	8. US guided core biopsy	<i>E. Durante</i>
<u>18.00-18.30</u>	9. US guided vacuum assisted biopsy	<i>E.B. Mendelson</i>
	10. Stereotactic breast biopsy	<i>D. Koufoudakis</i>
<u>18.30-19.00</u>	11. Equipment knobology and image optimization	<i>J.C. Bamber</i>
	12. Breast elastography	<i>T. Loupas</i>
<u>19.00</u>	Adjournment	

### Saturday, June 11<sup>th</sup>, 2016

<u>08.30-08.40</u>	Daily review	<i>D. Koufoudakis</i>
<u>08.40-09.00</u>	Video session: Stereotactic breast biopsy	<i>Facilitators: D. Koufoudakis F.K.W. Schäfer</i>
<u>09.00-09.30</u>	Dense breast: Role of ultrasound	<i>F.K.W. Schäfer</i>
<u>09.30-10.00</u>	Breast tomosynthesis	<i>A. Vourtsis</i>
<u>10.00-10.40</u>	Breast tomosynthesis case presentations (20 min each speaker)	<i>F.K.W. Schäfer E. O'Flynn</i>
<u>10.40-11.00</u>	Coffee break	
<u>11.00-11.30</u>	EndoPredict - a second generation gene expression test combining a tumor's "finger print" with tumor pathology	<i>R. Kronenwett</i>
<u>11.30-12.00</u>	Breast Cancer Chemotherapy: present and future	<i>S.Giassas</i>
<u>12.00-12.30</u>	US guided surgical procedures and problem solving interventions	<i>E. Durante</i>
<u>12.30-13.00</u>	Automated breast ultrasound: Multimodality cases	<i>E.B. Mendelson</i>
<u>13.00-13.30</u>	Lunch	
<u>13.30 -14.00</u>	Sentinel lymph node biopsy-Axillary staging	<i>E. Durante</i>
<u>14.00-14.30</u>	Imaging of the post surgical breast	<i>A. Vourtsis</i>
<u>14.30-15.30</u>	Case presentations – 2 cases each faculty member (10 min each case)	<i>E. Durante E.B. Mendelson</i>
<u>15.30-16.00</u>	CME assessment and discussion	<i>D. Koufoudakis</i>
<u>16.00</u>	Distribution of certificates and final remarks	<i>E. Durante D. Koufoudakis</i>

## **INFORMATION ABOUT IBUS**

The IBUS Breast Imaging School has established itself as the leading international provider of the breast imaging courses with teaching programs covering all aspects of multimodality breast imaging and image-guided interventions. The secretariat is currently based in Italy.

IBUS courses consist of high-quality didactic presentations with international and local faculty members, and include practical workshops providing “hands-on” experience. More than 100 courses have been held since 1991 with programmes in Africa, Asia, Europe, and North and South America.

The aims of IBUS are: (1) to improve the standards of breast imaging for assessing the breast and its pathology; (2) to provide high-quality courses and interactive workshops covering ultrasound, X-ray mammography, magnetic resonance imaging and other investigative techniques; (3) to evaluate the role of conventional and newer imaging techniques and; (4) to promote an international forum for the exchange of scientific information.

## **COURSE DESCRIPTION**

The IBUS: Multimodality Breast Imaging Course consists of an intensive three-day teaching programme with theoretical and practical topics covering all forms of breast imaging.

The international and local faculty consists of imaging and breast disease experts selected to demonstrate the optimum utilization of imaging modalities for the detection and diagnosis of malignant and benign conditions using high resolution ultrasound, X-ray mammography and magnetic resonance imaging.

The course is suitable for clinicians with basic and advanced knowledge, and consists of lectures, interactive case studies and practical “hands-on” workshop sessions. Topics have been selected to provide a broad information base in which breast imaging techniques, interpretation criteria and interventional procedures are integrated to reflect recent technological improvements. The “hands-on” workshops form an essential part of the course, and provide the opportunity to participate in teaching sessions with faculty members.

The role of imaging and interventional procedures will be thoroughly evaluated in order to provide an accurate assessment prior to surgical excision, and the best possible clinical outcome for patients with breast disease. The course is formatted for breast surgeons, gynaecologists, radiologists, oncologists, sonologists and other specialists using ultrasound to detect, diagnose and manage patients with early breast cancers and benign conditions.

## **EXHIBITION**

The scientific programme is complemented by a commercial exhibition featuring exhibitors with the most modern and high-tech products, equipment and services in the medical sector.

## **REGISTRATION FEES**

Early Registration Until April 1st, 2016	€ 400,00
Late Registration From April 1st, 2016	€ 500,00