

**IBUS – Update in Breast Imaging, Interventions, Management  
Ferrara, Italy  
Preliminary programme  
Wednesday, September 7<sup>th</sup>, 2016**

08.30	Welcoming remarks	E Durante, G Zauli, J Jellins
08.40	The IBUS story – Success in education	J Jellins
09.00	Ultrasound physics and image optimization	J Bamber
09.30	Breast Carcinoma: The Sick Lobe Concept	T Tot
10.15	Evolution of ultrasound imaging systems	J Jellins
10.45	Equipment, technique, and pitfalls	A Munding
11.15	<b>Coffee break</b>	
11.30	Lobar Ultrasound anatomy of the breast and axilla	D Amy
12.00	Large Format Histopathology and radiological-pathological correlations	T Tot
12.45	Digital Breast Tomosynthesis: Physics and Principles	M Gambaccini
13.15	<b>Lunch</b>	
14.00	Sonographic appearance of benign lesions	A Munding
14.30	Demonstration session - scanning the breast and axilla	D Amy
15.00	Principles of interventional techniques	E Durante
15.30	Video session – Ultrasound-guided interventions	D Koufoudakis, F Schäfer
16.00	<b>Coffee break</b>	
16.30	“Hands-on” workshops 1 – scanning techniques & equipment optimization	
17.30	“Hands-on” workshops 2 – elastography, interventional techniques on phantoms	
18.30	Adjournment	

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**Thursday, September 8<sup>th</sup>, 2016**

08.30	<b>Daily review</b>	E Durante, M Giganti
08.40	Sonographic appearance of malignant lesions	E Aribal
09.10	The present role of breast Magnetic Resonance Imaging	F Schäfer
09.40	Doppler and Elastography Physics	J Bamber
10.10	The clinical value of Doppler and Elastography	F Schäfer
10.40	<b>Coffee break</b>	
11.00	Digital Breast Tomosynthesis (DBT)	A Vourtsi
11.30	Vacuum assisted biopsy: techniques and indications	F Schäfer
12.00	Lymph node imaging assessment	A Munding
12.30	Preoperative loco-regional Ultrasound staging	E Durante
13.00	<b>Lunch</b>	
14.00	Automated Breast Ultrasound (ABUS)	A Vourtsi
14.30	Breast Imaging-Reporting and Data System for Ultrasound	A Munding
15.00	Multidisciplinary Breast Imaging <b>Panel 1</b> <b>Panellists:</b> E Aribal, D Koufoudakis, A Munding, F Schäfer, A Vourtsi	Chair: E Durante –
16.00	<b>Coffee break</b>	
16.30	“Hands-on” workshops <b>3</b> - scanning techniques & equipment optimization	
17.30	“Hands-on” workshops <b>4</b> –elastography, interventional techniques on phantoms	
18.30	Adjournment	

## IBUS - Update in Breast Imaging, Interventions, Management

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Friday, September 9<sup>th</sup>, 2016

- 08.30 Daily review E Durante, M Giganti
- 08.40 Pre-operative pathologic diagnosis P Querzoli
- 09.10 The role of Nuclear Medicine A Chiti
- 09.40 The male breast A Vourtsi
- 10.10 **Coffee break**
- 10.40 Dense Breast:Ultrasound? Magnetic Resonance Imaging? Breast Specific Gamma Imaging?  
**Panel 2 Chair:** A Vourtsi  
**Panellists:** E Durante, D Koufoudakis, A Munding, F Schäfer,
- 11.30 Monitoring of breast cancer patients D Koufoudakis
- 12.00 Reporting breast ultrasound examination: **Panel 3**  
**Chair:** A Munding  
**Panellists:**E Aribal, E Durante, F Schäfer, A Vourtsi
- 13.00 **Lunch**
- 14.00 Clinical and Imaging assessment of symptomatic patients D Koufoudakis
- 14.30 Pathologic biologic parameters P Querzoli
- 15.00 Imaging follow-up after breast conserving surgery E Aribal
- 15.30 Presentation of clinical cases: Interactive session **Faculty:** E Aribal, D Koufoudakis,  
F Schäfer, A Vourtsi
- 16.00 **Coffee break**
- 16.30 Hands-on” workshops **5** - scanning techniques & equipment optimization
- 17.30 Hands-on” workshops **6** – elastography, interventional techniques on phantoms
- 18.30 Adjournment

**IBUS Update in: “Multimodality Breast Imaging, Interventions, Management”  
Ferrara, Italy  
Preliminary programme  
Saturday, September 10<sup>th</sup>, 2016**

- 08.30 Daily review E Durante, M. Giganti
- 08.40 Emerging breast imaging techniques J Bamber
- 09.20 Intraoperative Ultrasound and specimen management E Durante
- 10.00 Breast MRI at 3 T and MRI guided interventional procedures A Munding
- 10.30 How to deliver a non profit organization? What the organizations can do for the survivors?  
A Bonifacino
- 10.50 Does Ultrasound have a role in dense breast screening? **Panel 4** **Chair:** D Koufoudakis  
**Panellists:** E Aribal, E Durante, A Munding, F Schäfer, A Vourtsi
- 11.30 Assessment of quality in breast centers: **Panel 5** **Chair:** E Durante  
**Panellists:** E Aribal, A Munding, F Schäfer, A Vourtsi
- 12.30 Continuing Medical Education - CME Assessment and discussion  
E Durante, M Giganti, J Bamber
- 13.15 Distribution of Certificates and final remarks E Durante, M Giganti, J Jellins
- 13.30 **Lunch**