



IUSS-FERRARA  
1391

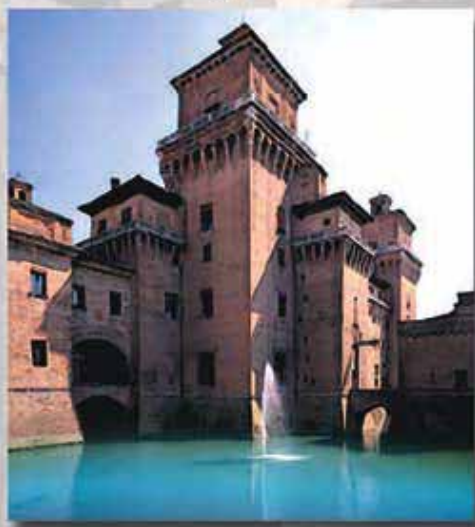
# International Breast Ultrasound Course

## ***Multimodality Imaging & Interventional Techniques***

"Hands-on" practical workshops,  
lectures, interactive presentations

***Preliminary Program***

**University Institute for Higher Studies  
University of Ferrara**



**September 11-15, 2006  
Ferrara, Italy**

## Course Description

High quality breast ultrasound is now firmly established as an essential technique for proper breast diagnosis. It is the imaging technique of first choice with significantly better sensitivity and specificity compared to x-ray mammography for the investigation of breast symptoms in younger women. In the assessment of older women, ultrasound is complementary to mammography and adds valuable information in the further evaluation of detected abnormalities.

High resolution breast ultrasound provides a unique quick, painless and inexpensive method of ascertaining the nature of both palpable and impalpable breast lesions and is also accurate in determining the absence of significant disease. Breast ultrasound is the preferred imaging technique for the assessment of symptomatic breast problems, and is also the technique of first choice for image guided percutaneous breast and axillary biopsy.

This intensive programme will cover theoretical and practical topics related to breast ultrasound and other breast imaging modalities, and demonstrate the optimum utilization of imaging for the detection, diagnosis and assessment of early breast cancers and benign conditions. The role of imaging and interventional procedures will be thoroughly evaluated in order to provide the best clinical results in patients with breast disease. The highly structured and certified course, and the scenic renaissance city of Ferrara ensure a unique experience for all participants.

## Course Directors

**E. Durante - Italy, H. Madjar - Germany,  
R. Otto - Switzerland, G. Rizzatto - Italy**

## International Breast Ultrasound Course - Faculty

**The faculty for the Ferrara course will consist of lecturers from the International Breast Ultrasound School (IBUS) together with other experts from teaching institutions**



**International Breast  
Ultrasound School  
Baden, Switzerland**  
*President*  
**Prof. Alexander Mundinger**

**IUSS-FERRARA  
1391**

**University Institute  
for Higher Studies  
University of Ferrara**  
*Director*  
**Prof. Giovanni Fiorentini**

## Course Information

The "International Breast Ultrasound Course: multimodality imaging and interventional techniques" arranged by the International Breast Ultrasound School (IBUS) is hosted by the University of Ferrara's Institute for Higher Studies. The course consists of a five-day residential programme with lectures, workshops and interactive sessions, and meets the requirements of European and Italian Continuing Medical Education activities.

The programme is available to clinicians and breast health professionals from all countries, and will be presented in the English language. A folder of comprehensive educational resource materials will be provided.

### Course Registration Fee:

Euro 1.050,00 (VAT 20% included) Course registration fee includes comprehensive course materials, CME certificates, accommodation, continental breakfast, lunches, and breaks.

***The course is open to a maximum of 50 attendants.  
The deadline for registration is: July 30th, 2006***

#### Course Venue

University Institute  
for Higher Studies, IUSS  
Via Scienze, 41  
44100 Ferrara, Italy

#### Scientific Committee

Prof. Enzo Durante  
General Surgery II  
University of Ferrara  
e-mail: drn@unife.it

#### Administrative Secretariat

Consorzio Ferrara Ricerche - Via Saragat, 1  
Blocco B - 1° Piano - 44100 Ferrara, Italy  
Tel + 39 0532 762404 - Fax +39 0532 767347  
e-mail: convegno@unife.it

**For further information send an e-mail to:**

**[convegno@unife.it](mailto:convegno@unife.it) or [info@ibus.org](mailto:info@ibus.org)**

**or visit the Ferrara University Institute  
for Higher Studies or IBUS web sites:**

**<http://www.iuss.unife.it> or <http://www.ibus.org>**

**IBUS lecturers will be selected from the following:**

**Prof. Enzo Durante**

Head General Surgery II  
University of Ferrara - Italy

**Prof. Rainer Otto**

Former Head Institute of Radiology  
Cantonal Hospital - Baden - Switzerland

**Dr.ssa Donatella Beccati**

Chief in charge of Cytopathology Service  
Azienda Ospedaliero-Universitaria  
di Ferrara - Italy

**Prof. Vincenzo Eusebi**

Head Institute of Pathology  
Ospedale Bellaria - Bologna - Italy

**Associate Professor Patrizia Querzoli**

Institute of Pathology  
University of Ferrara - Italy

**Dr. Jack Jellins** - BSc, BE, Hon MD,

Founding President of IBUS  
Sydney - Australia

**Prof. Alexander Munding**

Head Institute of Radiology  
Marienhospital Osnabruck  
Akademisches Lehrkrankenhaus  
der Medizinischen  
Hochschule Hannover - Germany

**Prof. Helmut Madjar**

Head Breast Center - German Diagnostic Clinic  
Wiesbaden - Germany

**Dr.ssa Roberta Chersevani**

Institute of Radiology  
Ospedale Civile di Gorizia - Italy

**Dr. Christian F. Weismann**

Dept. Of Diagnostic Radiology,  
St. Johannis Hospital  
Landeskliniken Salzburg - Austria

**Dr. Mauro Martini**

Head Medico-Legal Service  
Azienda USL - Ferrara - Italy

**Dr. Giorgio Rizzato**

Head Institute of Radiology  
Ospedale Civile di Gorizia - Italy

## Course Outline

### Day 1: Background

**09.00** Introduction

**IBUS - IUSS President**

**09.15** Breast cancer: epidemiology,  
risk factors, preventive strategies

**E. Durante**

**10.00** Breast cancer screening **R. Otto**

**10.45** Coffee break

**11.15** Histopathology of the  
breast - benign disease,  
invasive and in situ malignancy:  
CLINICAL CONSEQUENCES

**E. Durante**

**12.00** Bio-pathological parameters  
and targeted therapies:  
CLINICAL CONSEQUENCES

**P. Querzoli**

**13.00** Lunch

**14.00** Outline of US - physics,  
equipment, Doppler,  
documentation. **J. Jellins**

**15.00** Live ultrasound demonstration  
breast and axilla. **A. Munding**

**15.30** Coffee break

**16.00** "Hands-on" ultrasound  
examination of the breast

**16.45** "Hands-on" ultrasound  
examination of the axilla

**17.30** *Opening ceremony of  
Academic IUSS courses*

## Course Outline

### Day 2: Basic Interpretation

- 09.00** Outline of X-ray mammography physics, equipment, examination techniques, image reading and documentation. **R. Otto**
- 10.00** Outline of MR-ray mammography physics, equipment, examination techniques, image reading and documentation. **R. Otto**
- 10.45** Coffee break
- 11.15** Ultrasonic examination techniques, normal findings, physiological changes. **H. Madjar**
- 12.15** Ultrasound artefacts and quality control. **J. Jellins**
- 13.00** Lunch
- 14.00** Imaging and benign pathology correlation - masses, architectural distortion, microcalcifications. **H. Madjar**
- 15.00** Imaging and malignant pathology correlation - masses, architectural distortion, microcalcifications. **H. Madjar**
- 15.30** Coffee break
- 16.00** "Hands-on" experience and test cases
- 18.00** Close

### Day 3: Advanced Interpretation 1

- 09.00** X-ray mammography BI-RADS (Adapted). **R. Otto**
- 09.50** Ultrasound BI-RADS (Adapted). **R. Cheservani**
- 10.45** Coffee break
- 11.15** MR mammography BI-RADS (Adapted). **R. Otto**
- 12.00** Interventional techniques principles cytology, core and vacuum assisted biopsy using ultrasound and stereotactic guidance. **R. Otto, E. Durante, R. Cheservani, H. Madjar**
- 13.00** Lunch
- 14.00** Live demonstration Interventional techniques **R. Otto, E. Durante, R. Cheservani, H. Madjar**
- 15.00** Interactive session Decision making for biopsies Correlation of clinical, imaging and tissue sampling results **R. Otto, E. Durante, R. Cheservani, H. Madjar**
- 15.30** Coffee break
- 16.00** "Hands-on" cytology sampling and test cases. **R. Otto, E. Durante, R. Cheservani, H. Madjar**
- 17.00** "Hands-on" core sampling and test cases **R. Otto, E. Durante, R. Cheservani, H. Madjar**
- 18.00** Close

## Course Outline

### Day 4: Advanced Interpretation 2

- 09.00** Interactive session: Applying BI-RADS (Adapted) for x-ray and MR mammography. **C. F. Weissmann**
- 10.00** Interactive session: Applying BI-RADS (Adapted) for breast ultrasound. **R. Cheservani**
- 10.45** Coffee break
- 11.15** Indications for US, including medicolegal implications. **E. Durante, M. Martini**
- 12.00** Preoperative staging and follow-up of neoadjuvant treatment. **H. Madjar, E. Durante, R. Cheservani, C. F. Weissmann**
- 13.00** Lunch
- 14.00** Three-dimensional ultrasound. **C. F. Weissmann**
- 15.00** The role of colour Doppler and vascularity assessment. **H. Madjar, R. Cheservani**
- 15.30** Coffee break
- 16.00** Mammography BI-RADS (Adapted) - self evaluation
- 17.00** Ultrasound BI-RADS (Adapted) - self evaluation
- 18.00** Close

### Day 5: Special topics and new horizons

- 09.00** Ultrasound evaluation of lymph nodes and the role of sentinel node biopsy. **R. Cheservani, C. F. Weissmann**
- 09.45** Localisation techniques and image guided surgery. **E. Durante**
- 10.45** Coffee break
- 11.15** Postoperative surveillance of treated breast cancer cases. **R. Cheservani, E. Durante, C. F. Weissmann**
- 12.00** CME credit test
- 13.00** Lunch
- 14.00** New developments in breast ultrasound: Elastography, and other techniques. **R. Cheservani**
- 14.45** Emerging Alternative Diagnostic and Treatment techniques. **J. C. Bamber, E. Durante**
- 15.30** Coffee break
- 16.00** Discussion of CME test results
- 17.00** Final discussion
- 18.00** Close

### REGISTRATION FEE

#### REGISTRATION FEE EURO 1.050,00 (VAT 20% INCLUDED)

Course registration fee includes comprehensive course materials, CME certificates, accommodation, continental breakfast, lunches, and breaks.

### METHOD OF PAYMENT

**IMPORTANT NOTES:** Payment must be made in Euros only. Registration must be accompanied by full payment. This form must be sent to the Administrative Secretariat along with the payment made out to:

- BANK TRANSFER TO:**  
Consorzio Ferrara Ricerche - C/C n. 7052.90 - c/o Monte dei Paschi di Siena - Succ. di Ferrara  
Viale Cavour, 139/141 - 44100 Ferrara, Italy  
**ABI code 01030 - CAB Code 13000 - IBAN: IT 36 U 01030 13000 000000705290**  
**Ref. W/SPO/DRN/01/06**

- CREDIT CARD**  Master/Eurocard  Visa

Cardholder's Name \_\_\_\_\_

Card Number \_\_\_\_\_

Expiration date \_\_\_\_\_

Signature \_\_\_\_\_

**I authorize to debit my credit card for the amount of € 1.050,00**

**CANCELLATION POLICY:** Cancellation for participants must be communicated to the Administrative Secretariat. Registration Fee will be refunded as follow:

70% before August 15<sup>th</sup>, 2006

50% from August 16<sup>th</sup> to August 30<sup>th</sup>

20% from September 1<sup>st</sup> to September 9<sup>th</sup>

**No refunds will be made after September 10<sup>th</sup>**

### ACCOMMODATION AND TRAVEL DETAILS

Hotel bookings will be made directly by the Administrative Secretariat. The name and address of the hotel will be communicated shortly before the date of the Course. The type of accommodation is in a 3 stars hotel, B&B, Half Credit (extra excluded). Each participant will be lodged in a single room, except for those who would share a double room with other participant who are asked to specify the name of the person and the type of room required.

**HOTEL ROOM:**  Single  Double  Twin (2 separate beds)

Arrival date \_\_\_\_\_

Departure date \_\_\_\_\_

Number of nights \_\_\_\_\_

**TRAVEL DETAILS**

**ARRIVAL**

**DEPARTURE**

Airport/Station \_\_\_\_\_

Flight Number/Train Number \_\_\_\_\_

Time \_\_\_\_\_

**NOTE TO SECRETARIAT:** If you have any special requirements (food restriction, special accommodation for person with disabilities) for the Administrative Secretariat please write a short note here.

Date \_\_\_\_\_

Signature \_\_\_\_\_

# International Breast Ultrasound Course Multimodality Imaging & Interventional Techniques

"Hands-on" practical workshops, lectures, interactive presentations

## REGISTRATION FORM

- To register:**  Please use one registration form per person.  
 Please print or type the registration form, fill out completely and **return it signed BY FAX or MAIL together with a copy of your payment to the Administrative Secretariat at:**

**CONSORZIO FERRARA RICERCHE** - Via Saragat 1 - Blocco B - 1° Piano  
44100 Ferrara, Italy - Tel. +39 0532 762404 - Fax +39 0532 767347  
E-mail: [convegna@unife.it](mailto:convegna@unife.it)

**IMPORTANT!!! DEADLINE FOR REGISTRATION JULY 30<sup>TH</sup> 2006**

**IMPORTANT NOTE:** The submission by fax or mail of the form is mandatory for the registration. Electronic submissions of the form do not guarantee the registration. The confirmation of the registration along with name badge and lodging details will be notified by e-mail after the receipt of the copy of payment. Forms received without payment will not be processed. Payments by credit card are not processed electronically.

## PERSONAL DATA

<b>Family Name:</b>	_____	Title:	<input type="checkbox"/> Mr.	<input type="checkbox"/> Prof.	<input type="checkbox"/> Dr.	<input type="checkbox"/> Ms.
<b>First Name</b>	_____					
<b>Date and Place of Birth</b>	_____					
<b>Fiscal Code</b> (for Italian people)	_____					
<b>Personal Mailing Address</b>	_____					
<b>Zip Code</b>	<b>City</b>	<b>Country</b>				
_____	_____	_____				
<b>Phone</b>	<b>Fax</b>	<b>E-mail:</b>				
_____	_____	_____				
<b>Profession:</b>	_____					
<b>Affiliation/Organization:</b>	_____					

## INVOICE DATA

Do you want to invoice your organization/institution?  Yes  No  
If yes, please address and mail the invoice to:

<b>Organization/Institution</b>	_____		
<b>Address</b>	_____		
<b>Zip Code</b>	<b>City</b>	<b>Country</b>	
_____	_____	_____	
<b>C.F./P.IVA/VAT number</b>	_____		
<b>Purchase order</b>	_____		