



IUSS-FERRARA
1391

Under the Patronage
of the Emilia-Romagna Region



INTERNATIONAL BREAST ULTRASOUND COURSE

Multimodality Imaging & Interventional Techniques

Lectures, Interactive presentations, "Hands-on" practical workshops

International Breast Ultrasound School (IBUS)

University Institute for Higher Studies, University of Ferrara

IBUS is celebrating its 20th Anniversary



September 7-10, 2011 • Ferrara, Italy

For information please contact: convegni@unife.it or info@ibus.org
or the IBUS Secretary Prof. Enzo Durante at drn@unife.it

Visit the IBUS or the Consorzio Ferrara Ricerche websites
www.ibus.org or www.consorzioferrararicerche.it

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 in conjunction with other breast imaging modalities will 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 - J. Jellins, Australia
H. Madjar, Germany - G. Rizzatto, Italy

Faculty

Dr Jeff Bamber
Surrey - UK

Roberta Chersevani
Gorizia - Italy

Dr Stefano Corcione
Ferrara - Italy

Prof. Enzo Durante
Ferrara - Italy

Prof. Sylvia Heywang-Köbrunner
Munich - Germany

Dr Jack Jellins
Sydney - Australia

Prof. Helmut Madjar
Wiesbaden - Germany

Prof. Ellen B. Mendelson
Chicago - USA

Prof. Woo Kyung Moon
Seoul - Republic of Korea

Prof. Alexander Mundinger
Osnabrück - Germany

Dr Stefano Panareo
Ferrara - Italy

Prof. Patrizia Querzoli
Ferrara - Italy

Prof. Giorgio Rizzatto
Udine - Italy

Prof. Ei Ueno
Tsukuba - Japan

Dr Christian F. Weismann
Salzburg - Austria

CME

The International Breast Ultrasound Course in 2009 received 37 European CME credits (ECMEC). European CME credits are recognized by the American Medical Association toward the Physician's Recognition Award (PRA). European CME credits are being requested also for 2011.



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

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

Course Information

The "International Breast Ultrasound Course: multimodality imaging and interventional techniques" is arranged by the International Breast Ultrasound School (IBUS), and hosted by the University of Ferrara's Institute for Higher Studies. The course consists of a four-day programme with lectures, "hands on" workshops and interactive sessions.

The programme is available to clinicians and breast health professionals from all countries, and is presented in the English language. Comprehensive educational resource materials are provided.

The course is open to a maximum of 50 participants.

The deadline for the standard registration fee is July 31st, 2011. After this date, a surcharge of 25% will apply.

Course Venue

Palazzo Tassoni
Via della Ghiara, 36 - 44121 Ferrara, Italy

Scientific Committee

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

Administrative Secretariat

Consorzio Ferrara Ricerche
Via Saragat 1, Blocco B, 1° Piano - 44122 Ferrara, Italy
e-mail: convegni@unife.it - www.consorzioferrararicerche.it

For further information please contact: convegni@unife.it or info@ibus.org
For on-line registration visit the Consorzio Ferrara Ricerche website at:
www.consorzioferrararicerche.it

History of Ferrara

Ferrara's origins date back to the 7th-8th century. During the High Middle Ages it was under the lordship of a number of powerful Earls. Its main source of wealth was trade along the Po River, which at the time flowed south of the town. After a struggle lasting well over a century, the Este family prevailed and established a lordship over the city that was to be one of the longest in Italy. Its renown attracted artists from all over. Amidst such bountiful intellectual life, the University was founded in 1391. In 1597 the last Duke, Alfonso II, died without a male heir and the city, considered a Papal fiefdom, was absorbed into the State of the Church. In 1995 UNESCO classified Ferrara's historic centre as a World Heritage list, defining it as "... a fine example of a town planned in the Renaissance that has managed to retain the integrity of its historic centre".

How to travel

By plane

Close airports:

G. Marconi in Bologna	45 km
M. Polo in Venice	110 km
Catullo in Verona	100 km
L. Ridolfi in Forli	120 km
F. Fellini in Rimini	200 km

By train

Trenitalia

www.trenitalia.com

By car

Motorway:

A 13 - Bologna - Padova;
exit: Ferrara Nord, Ferrara Sud.
www.autostrade.it

Accommodation

Visit the website:

www.ferrarainfo.com: **Where to stay**
Central District Hotels

Medium Fee: 4 star Single/Double Room Euros 90/140; 3 star Single/Double Room Euros 55/84.

Ferrara cuisine

The popular country traditions give birth to the Ferrarese cuisine. Together with the "cappelletti", the "capellacci", filled with marrow squash and parmesan cheese, are very popular. Not to be forgotten is the "Pasticcio di maccheroni" (Macaroni Pie), our bread, called "coppia" (pair), unique for its twisted and elaborate shape. More typical are the fish dishes: eel, mullet, bass fish, sea fish and hen clam. To end the meal, try pampepato, mandorlini del ponte, the ricciolina or tagliatelle cake. These tasty traditional dishes are best accompanied by the Bosco Eliceo "sand wines".

For the list of the restaurants visit the website:

www.ferrarainfo.com: **Where to eat.**

Programme

Wednesday, September 7

08.00-09.15 Registration

Session 1

09.15 Welcome remarks - **J. Jellins**
A. Mundinger, E. Durante

09.30 Breast ultrasound: historical and physical aspects - **J. Jellins**

10.15 Breast ultrasound anatomy
G. Rizzatto

11.00 Refreshment break

Session 2

11:20 System optimization on phantoms
H. Madjar

11:50 Breast and axilla examination
A. Mundinger

12.20 Interventional techniques
E. B. Mendelson

13.00 Lunch break

Session 3

14.00 Review of breast pathology
P. Querzoli

14.45 Benign diseases on imaging
E. Durante

15.30 Imaging of malignant diseases
C. Weismann

16.15 Describing pathology with one language: ACR BI-RADS
E. B. Mendelson

16.40 Panel discussion
Faculty members

17.00 Practical "hands-on" workshop 1
E. Durante, H. Madjar,
E. B. Mendelson, A. Mundinger,
G. Rizzatto, C. Weismann

18.00 Adjournment: Welcome reception

Thursday, September 8

08.30 Daily schedule - **E. Durante**

Session 4

08.40 Vascularity and elasticity criteria
G. Rizzatto

09.20 Multimodality cases based on mammography - **A. Mundinger**

09.40 Multimodality cases based on ultrasound - **E. B. Mendelson**

10.00 Non-mass forming lesions - **E. Ueno**

10.30 Refreshment break

Session 5

11:00 Multimodality cases based on elastography - **W. K. Moon**

11:40 Lymph node pathology
A. Mundinger

12.20 Multimodality cases based on automated US - **E. B. Mendelson**

12.40 Multimodality cases based on 3D ultrasound - **C. Weismann**

13.00 Lunch break

Session 6

14.00 Practical "hands-on" workshop 2
E. Durante, H. Madjar,
E. B. Mendelson, A. Mundinger,
G. Rizzatto, C. Weismann

15.00 Multimodality diagnostic correlation
S. Corcione

15.40 PET and beyond - **S. Panareo**

16.20 Pre- and intra- operative ultrasound - **E. Durante**

17.00 Practical "hands-on" workshop 3
E. Durante, H. Madjar,
E. B. Mendelson, A. Mundinger,
G. Rizzatto, C. Weismann

18.00 Adjournment

Programme

Friday, September 9

08.30 Introduction and daily schedule
E. Durante

Frontiers in multimodality imaging
chairs - *E. Durante, J. Jellins*

08.40 Small focal lesions - *A. Munding*

09.20 Second look ultrasound - *G. Rizzatto*

10.00 Computer-aided diagnosis in breast US - *W. K. Moon*

10.40 Refreshment break

Frontiers in ultrasound guided interventions
chairs - *R. Chersevani - C. Weismann*

11.00 Problem solving interventions
H. Madjar

11.30 Update of vacuum assisted biopsy
A. Munding

Practical session

12.00 Video demonstration of examination technique and interventions
Faculty members

13.00 Lunch break

Update of whole breast US
chairs - *H. Madjar, G. Rizzatto*

14.00 Automated whole breast scanning - technology - *J. Jellins*

14.30 Handheld 3D and 4D ultrasound - assessment - *C. Weismann*

15.00 Automated whole breast scanning - the clinical role - *E. B. Mendelson*

15.30 Refreshment break

Consensus panel on breast US screening
chairs - *E. B. Mendelson, A. Munding*

16.00 Mammographic screening limitations
R. Chersevani

16.30 Analysis of US-detected cancers
W. K. Moon

17.00 Panel discussion with
S. Heywang-Köbrunner, H. Madjar
and *C. Weismann*

18.00 IBUS: celebrating 20 years of achievement - *J. Jellins*

18.30 Adjournment: Anniversary Reception

Saturday, September 10

08.30 Daily schedule - *E. Durante*

Consensus panel on breast US elastography
chairs - *A. Munding, G. Rizzatto*

08.40 Tissue characteristics - *G. Rizzatto*

09:10 Physics and technology - *J. C. Bamber*

09.40 Overview of strain results - *E. Ueno*

10.10 Overview of shear wave results
E. B. Mendelson

10.40 Refreshment break

Special focus lectures
chairs - *J. Jellins, W. K. Moon*

11.00 ACR BI-RADS new edition
E. B. Mendelson

11.45 Breast MRI: present role and future directions - *S. Heywang-Köbrunner*

12.30 Panel discussion with
A. Munding and *G. Rizzatto*

13.00 Lunch break

Update of pre-, intra- and post-operative ultrasound
chairs - *H. Madjar, E. Ueno*

14.00 Pre-operative staging - *A. Munding*

14.30 Operative guidance - *E. Durante*

15.00 Monitoring after therapy
C. Weismann

15.30 Panel discussion with -
S. Heywang-Köbrunner,
E. B. Mendelson - W. K. Moon

Special focus lectures

16.00-16.30 Assessment CME written test

16.30 Refreshment break

The future of breast therapy

17.00 The future of breast therapy:
new indications from imaging
Guest lecturer

18.00 Final remarks - *A. Munding*

International Breast Ultrasound Course Multimodality Imaging & Interventional Techniques

Lectures, Interactive presentations, "Hands-on" practical workshops

Registration Fee

REGISTRATION FEE: 4 Days, September 7-10, 2011 Euro 1.200 (VAT 20% included)

The course registration fee includes comprehensive course materials, CME certificates*, lunches and refreshments.

*** IMPORTANT NOTES:** In accordance with the CME rules certificates will be given only to participants who attend the **entire course**.

Cancellation Policy

Cancellations must be notified to the Administrative Secretariat.

The registration Fee will be refunded as follows:

Euro 1.000 before July 31st, 2011

No refunds will be made after July 31st, 2011.

How to Register

To register please visit the web site

www.consorzioferraraaricerca.it

and select the pages dedicated to the course.

Fill in the ON-LINE REGISTRATION FORM and proceed with the payment with a Credit Card or by Bank Transfer.

IMPORTANT!!! DEADLINE FOR REGISTRATION July 31st, 2011