EUROSON SCHOOL
European Federation of Societies for Ultrasound in Medicine and Biology (EFSUMB)

INTERNATIONAL COURSE 2016
ULTRASOUND OF THE GASTROINTESTINAL TRACT
BASICS, CEUS AND BEYOND

Palazzo Feltrinelli, Gargnano (Lake Garda), Italy
21-23 April 2016

PRELIMINARY PROGRAMME
**Director**
Giovanni Maconi, Italy

**Scientific Organizers**
Odd Helge Gilja, Norway
Giovanni Maconi, Italy

**Local Co-Organizer**
Mirella Fraquelli, Italy

**Course Secretariat**
Sara Comparetti
chalmers@unimi.it

**Organizing Secretariat**

*Provider ECM n 467*
ECON S.r.l
Via Pergolesi 1
20124 Milano
tel. +39 02 29005745
Fax +39 020057910
mail: ludovica.biasi@econcongressi.it
www.econcongressi.it

**Invited Speakers**

Anil K. Asthana, Australia
Guido Basilisco, Italy
Elisabetta Buscarini, Italy
Emma Calabrese, Italy
Fabiana Castiglione, Italy
Agostino Colli, Italy
Dario Conte, Italy
Ilario de Sio, Italy
Christoph F. Dietrich, Germany
Klaus Dirks, Germany
Francesco Esposito, Italy
Mirella Fraquelli, Italy
Odd Helge Gilja, Norway
Trygve Hausken, Norway

Antony Higginson, UK
Torsten Kucharzik, Germany
Christian Maaser, Germany
Giovanni Maase, Italy
Kim Nylund, Norway
Dieter Nuernberg, Germany
Nadia Pallotta, Italy
Laura Romanini, Italy
Adrian Saftou, Romania
Carla Serra, Italy
Ioan Sporea, Romania
Fulvia Terracciano, Italy
Massimo Valentino, Italy
Learning Objectives of the Course

Since the Nineties, intestinal ultrasound (IUS) has been advocated as a useful tool for assessing acute and chronic gastrointestinal diseases. Several articles in the literature have demonstrated that IUS is useful in the diagnostic work-up and follow-up of conditions such as appendicitis, diverticulitis, bowel occlusion and inflammatory bowel diseases. IUS is also effective to exclude these disorders and corroborate the suspicion of functional diseases. Notwithstanding, IUS has not entered yet the daily clinical practice: it is apparently viewed (incorrectly) as a highly specialized application of ultrasonography for super-specialist sonographers, often with scepticism by physicians, radiologists and gastroenterologists. The dependence on the operator’s experience alongside the lack of standardized examination methods and scoring systems are key factors to blame for this scepticism.

It is therefore essential to agree upon and publish the indications for IUS, its standardized examination techniques and a set of criteria for normal vs. abnormal intestinal findings.

This course brings together a substantial group of experts in various fields of intestinal ultrasonography to help this subject matter to advance in terms of research and training, to standardize examination methods and show the effective application of IUS to patients with abdominal chronic and acute symptoms and to help establishing this technique within the diagnostic algorithm of digestive diseases.
Thursday 21st April 2016

13.00  Registration of participants
13.45  Welcome and Introduction to the Course

**PRINCIPLES OF GASTROINTESTINAL ULTRASOUND**
*Chairs: G. Maconi, Italy; O.E. Gilja, Norway*

**Bowel wall**
14.00  Principles of GI scanning and definition of wall layers and thickening
O.E. Gilja, Norway
14.20  Techniques of investigation and sonographic anatomy
K. Nylund, Norway

**Luminal content**
14.40  Liquids, solids, gaseous artifacts
G. Maconi, Italy
15.00  Intraluminal contrast agents
N. Pallotta, Italy

**Bowel wall vascularity**
15.20  Color Doppler and splanchnic vessels assessment
D. Nurnberg, Germany
15.40  Quantification of perfusion using I.V. contrast agents
C. Serra, Italy

**Extraintestinal and functional findings**
16.00  Mesenteric fat, lymph nodes and free abdominal fluid
A. Higginson, UK
16.20  Elasticity, peristalsis and dynamic changes
I. Sporea, Romania
16.40  From US signs to diagnosis
M. Fraquelli, Italy

17.00  Coffee break

**CONSENSUS ROUND TABLE**
17.30-19.30  Towards a standard assessment and evaluation of bowel
Live and clips examples with joint discussion
*Chairs: F. Castiglione, Italy; C. Dietrich, Germany*
A.K. Asthana, E. Buscarini, E. Calabrese, F. Castiglione, A. Colli, I. de Sio, C. Dietrich, K. Dirks,
F. Esposito, M. Fraquelli, O.H. Gilja, T. Hausken, A. Higginson, T. Kucharzik, G. Maconi, C. Maazer,
K. Nylund, D. Nurnberg, N. Pallotta, L. Romanini, A.Saftoiu, C. Serra, I. Sporea, F. Terracciano,
M. Valentino
Friday, 22\textsuperscript{nd} April 2016

**INFLAMMATORY BOWEL DISEASES**

**CROHN’S DISEASE**  
*Chairs: T. Kucharzik, Germany; E. Calabrese, Italy*

- **08.30** Detection  
  *T. Kucharzik, Germany*
- **08.50** Assessment of activity. From CEUS to composite indexes  
  *L. Romanini, Italy*
- **09.10** Site and extension  
  *E. Calabrese, Italy*
- **09.30** Post-operative recurrence and prognostic signs  
  *F. Castiglione, Italy*
- **09.50** Abdominal complications  
  *G. Maconi, Italy*
- **10.10** Discussion
- **10.30** Coffee break

**INFLAMMATORY ENTEROCOLITIDES**  
*Chairs: M. Fraquelli, C. Maaser*

- **14.00** Ulcerative colitis  
  *C. Maaser, Germany*
- **14.20** Infectious and parasitic diseases  
  *K. Dirks, Germany*
- **14.40** Neutropenic enterocolitis and GVHD  
  *C. Dietrich, Germany*
- **15.00** Coeliac disease and malabsorption  
  *M. Fraquelli, Italy*
- **15.20** Discussion

**ANAL, PERIANAL AND FUNCTIONAL DISORDERS**  
*Chairs: G. Basilisco, Italy; T. Hausken, Norway*

- **15.40** Transperineal ultrasound for perianal sepsis and constipation  
  *F. Terracciano, Italy*
- **16.00** Transrectal ultrasound  
  *A. Saftoiu, Romania*
- **16.20** Functional dyspepsia  
  *T. Hausken, Norway*
- **16.40** Discussion
- **16.50** Coffee break

**10.50-12.50** Video-case & Live Demonstrations

**12.50** Lunch

**INFLAMMATORY ENTEROCOLITIDES**  
*Chairs: M. Fraquelli, C. Maaser*

- **14.00** Ulcerative colitis  
  *C. Maaser, Germany*
- **14.20** Infectious and parasitic diseases  
  *K. Dirks, Germany*
- **14.40** Neutropenic enterocolitis and GVHD  
  *C. Dietrich, Germany*
- **15.00** Coeliac disease and malabsorption  
  *M. Fraquelli, Italy*
- **15.20** Discussion

**ANAL, PERIANAL AND FUNCTIONAL DISORDERS**  
*Chairs: G. Basilisco, Italy; T. Hausken, Norway*

- **15.40** Transperineal ultrasound for perianal sepsis and constipation  
  *F. Terracciano, Italy*
- **16.00** Transrectal ultrasound  
  *A. Saftoiu, Romania*
- **16.20** Functional dyspepsia  
  *T. Hausken, Norway*
- **16.40** Discussion
- **16.50** Coffee break

**17.00-19.30** Video-case & Live Demonstrations
ACUTE ABDOMEN AND INCIDENTAL FINDINGS
Chairs: M. Valentino, Italy; K. Dirks, Germany

08.30 Acute appendicitis
K. Dirks, Germany

08.50 Acute diverticulitis
M. Valentino, Italy

09.10 Intestinal occlusion
G. Maconi, Italy

09.30 Acute abdomen in paediatric population
F. Esposito, Italy

09.50 Cancer and submucosal lesions
I. de Sio, Italy

10.10 Discussion

10.30 Coffee break

ALGORITHMS AND IMPLEMENTATION OF GI ULTRASOUND
Chairs: E. Buscarini, Italy; D. Conte, Italy

11.00 Intestinal ultrasound in chronic abdominal symptoms
A. Colli, Italy

11.20 Intestinal ultrasound in acute abdomen
E. Buscarini, Italy

11.40 Learn, set up and spread intestinal ultrasound
A.K. Asthana, Australia

12.00 Discussion

12.30 Closing Remarks
GENERAL INFORMATION

Course Venue
Palazzo Feltrinelli, Via Castello 3, Gargnano sul Garda - Lake Garda (BS), Italy.

How to reach the venue:
http://www.gargnanosulgarda.com/tourist-service-lakegarda/how-to-reach-gargnano.html

Event Date
21 – 22 – 23 April 2016
Course Opening: April 21st at 13:00
Course closing: April 23rd at around 13:00

Registration fee
€ 970,00 (VAT included)
No on site registration.
The fee includes:
• coffee breaks
• 1 lunch (of the 22nd of April)
• two nights accommodation in hotel - room will be assigned on first-come basis

The Course is limited to 70 participants.
The Organizing Secretariat will confirm the registration to the first 70 participants that will send the attached Registration Form duly filled in to ludovica.biasi@econcongressi.it.

Cancellation
Cancellation must be sent in writing.
You will receive a 50% refund of the participation fee in case of cancellation before the 21st March 2015. After this date no refund is possible.

CME – Continuing Medical Education (for Italian participants only)
CME credits, requested to Ministry of Health, will be given to the participants of the Course.
ECON, as Provider n. 467, has validated the Conference for the Professional Figure of Doctor in Medicine.

Accredited disciplines:
Gastroenterology, Internal Medicine, Radiologist, General Surgery.
The event has been accredited for up to 70 participants.
To be eligible for credits, attending the 100% of the training course (3 days) and overcoming the learning tests are mandatory conditions.

Credits awarded: Nr. 19

Organizing Secretariat
Provider ECM n 467

ECON S.r.l
Via Pergolesi 1
20124 Milano
Tel. +39 02 29005745
Fax +39 02 29005790
mail: ludovica.biasi@econcongressi.it
www.econcongressi.it