EUROSON SCHOOL
Advanced post graduate course

Abdominal Ultrasound
Focus on CEUS and EUS

Under the auspices of EFSUMB
European Federation of Societies for Ultrasound in Medicine and Biology

Bergen, Norway 20-22 June 2013

Subjects to be lectured:
Transabdominal ultrasound of liver, pancreas and intestines. CEUS, Doppler, Endosonography, Elastography, Ultrasound targeted Therapy.

EFSUMB Education level: 2 and 3

Course Directors:
Odd Helge Gilja
Roald F. Havre

NATIONAL CENTRE FOR ULTRASOUND IN GASTROENTEROLOGY
Dear friend of ultrasound,

It is a great pleasure to invite you to Bergen to this second Euroson School in abdominal ultrasound with focus on contrast-enhanced ultrasound (CEUS) and endoscopic ultrasonography (EUS). This post-graduate course is hosted by the Norwegian Centre of Excellence in Gastrointestinal Ultrasonography and MedViz, which is an R&D cluster in medical imaging and visualisation.

The aim of this Euroson School is to present current state-of-the-art knowledge on CEUS and EUS and to provide a forum for ultrasound users and developers to report on progress, explore common challenges, exchange ideas and network with each other.

We are particularly grateful to the international faculty for coming to Bergen to share their expertise with us.

Sincerely yours,

Roald Flesland Havre
Course Director and President
Norwegian Society of Diagnostic Ultrasound

Odd Helge Gilja
Course Director and Director
National Centre for Ultrasound in Gastroenterology and Honorary Secretary European Federation of Societies for Ultrasound in Medicine and Biology

International Faculty: Fabio Piscaglia, Christoph Dietrich, Torben Lorentzen, Hans-Peter Weskott, Carla Serra, Adrian Saftoiu, Peter Vilmann, Mirko D’Onofrio, Paul Campbell, Lars Birger Nesje, Michiel Postema, Knut Brabrand

National Scientific Board: Roald Havre, Spiros Kotopoulis, Kim Nylund, Georg Dimcevski, Trygve Hausken, Odd Helge Gilja

Bergen, Norway 20-22 June 2013

Preliminary Program

Thursday 20 June 2013

0930  Registration. Coffee.
1000  Welcome Address.

Session 1: Basics of CEUS
Chairmen: Fabio Piscaglia and Odd Helge Gilja

1015  Physical principles of CEUS and how microbubbles behave
      Michiel Postema

1045  The bubble talk - About contrast agents and bubble kinetics
      Hans-Peter Weskott

1130  Examination techniques and tricks of the game.
      Fabio Piscaglia

1200  Lunch

Session 2: CEUS of the Liver
Chairmen: Christoph Dietrich and Geir Folvik

1300  CEUS of benign Focal Liver Lesions
      Christoph Dietrich

1330  CEUS of malignant Focal Liver Lesions
      Hans-Peter Weskott

1400  CEUS in liver cirrhosis and HCC diagnosis
      Fabio Piscaglia

1430  Coffee break

Session 3: Clinical Utility of CEUS
Chairmen: Hans-Peter Weskott and Trygve Hausken

1500  EFSUMB guidelines on CEUS. Safety of CEUS.
      TBA (KB)

1530  CEUS and interventional Ultrasonography
      Torben Lorentzen

1600  Case presentations by Veronika Salvatore and Weskott.

1630  Advances in technology (Company presentations)

1700  End of lectures

1830  Social event and Euroson School Dinner.
Friday 21 June 2013

Session 4: The GI Tract
Chairmen: Christoph Dietrich and Kim Nylund

0830 The GI wall in normal and diseases conditions
Odd Helge Gilja

0900 CEUS in IBD - Clinical impact.
Carla Serra

0930 CEUS in IBD – Technological challenges in perfusion measurements
Kim Nylund

1000 Coffee break

Session 5: CEUS of the pancreas
Chairmen: Carla Serra and Georg Dimcevski

1030 Ultrasound B-mode in pancreatic diseases
TBA (TL)

1100 CEUS of the pancreas
Mirko D’Onofrio

1130 Case demonstrations by D’Onofrio and Dimcevski

1200 Lunch

Session 6: CEUS and Therapy
Chairmen: Michiel Postema and Odd Helge Gilja

1300 Principles of Molecular Imaging with particular reference to ultrasound
TBA

1330 How to use ultrasound to deliver therapeutic molecules
Paul Campbell

1400 Sonoporation and experimental models for targeted drug delivery
Spiros Kotopoulis

1430 Coffee Break

1500 Treatment of pancreatic cancer assisted by CEUS.
Georg Dimcevski

1530 Future applications of CEUS: 3D-US, hybrid and targeted imaging.
Adrian Saftoiu

1630 Case demonstrations by Serra and Nylund

1700 Advances in technology (Company presentations)

1730 End of lectures

1900 Faculty Dinner
Saturday 22 June 2013

Session 7: EUS and CEUS
Chairmen: Adrian Saftoiu and Lars Birger Nesje

0900  Interpretation of EUS images compared with transabdominal US
      Christoph Dietrich

0930  EUS elastography of the pancreas
      Roald F. Havre

1000  CEUS during EUS – Technical aspects and clinical use
      Adrian Saftoiu

1030  Coffee break

1100  Therapeutic EUS and future aspects
      Peter Vilmann

1130  Case demonstrations by Saftoiu and Havre

1200  Course Exam / Evaluation
      Closing remarks.

1230  Lunch

1330  Departure
Welcome to Bergen

VisitBergen.com

Meeting Venue
The congress venue is located at
Grand Terminus, Terminus Hall
Zander Kaaesgt. 6
5015 Bergen
The hotel is located close to Bergen Center
http://www.grandterminus.no/en/

Airport
The airport is located 20 km from Bergen city. The transfer from the airport to Radisson SAS Hotel takes about 30 min and costs about 60 Euro. You can also take the airport bus to the hotel, 15 Euro.

Registration Desk
The desk for registration, information and distribution of documents will remain open:
Thursday 20 June 2013  08:00-18:00
Friday 21 June 2013  08:00-17:00
Saturday 22 June 2013  09:00-14:00

This will be located outside the venue “Terminus Hall”. The congress documents should be collected on-site at the registration desk. Name badges must be worn all the time during the congress and in the exhibition area.
Liability and Insurance
The organiser is not able to take any responsibility for injury or damage involving persons or property during the meeting. Participants are advised to sign their own personal travel and health insurance for their trip.

Organising Secretariat
The organising secretariat is available to provide information regarding hotels and bookings, and other questions. Please contact:
Bergen Kongress & Kultur, Tel +47 55 553655 or e-mail mail@kongress.no
Elin Myhrvold Riple, Tel +47 55972954 or e-mail elin.riple@med.uib.no
Odd Helge Gilja, Tel +47 55972872 or e-mail odd.gilja@med.uib.no

Registration
Bergen Kongress & Kultur, open for registration January 1. 2013
https://ei.kongress.no/getdemo.ei?id=139&s=_0S00KE2L8

Registration Fee
Conference fee 550 Euro, before April 21. 2013 (hotel not included)
Conference fee 600 Euro, after April 21. 2013 (hotel not included)
- Access to the Conference
- Lunches
- Coffee breaks
- Social program and course dinner Thursday 17 June 2010
- Syllabus conference bag
- EFSUMB Corce book
- Abstract book with ISBN number

Payment Information
Bergen Kongress & Kultur
Swift/bic code: spa no bb
IBAN: NO 50 36240786545
Accommodation
Hotel Grand Therminus
- Located at the congress venue
- Single room pr. night about 110 Euro.
- For reservation contact: Bergen Kongress & Kultur e-mail mail@kongress.no

Language
The official language of the meeting is English.

EFSUMB Credits
Will be given for this post graduate course. The EACCME credit will be applied for.

Certificate of Attendance
The certificate of attendance will be provided to every participant who has completed the course.