International Course in Contrast Enhanced Ultrasound

Hepatic and Extrahepatic Indications

Pre-Course: October 31st 2018
CEUS Course: November, 1st – 3rd 2018

Course fees:
Standard fee will be 500 €
To register visit: www.CEUS-course.eu
www.ceuscampus.de
International Course in Contrast Enhanced Ultrasound

Hepatic and Extrahepatic Indications

Course Directors: HP Weskott and DA Clevert

Pre-Course: October 31<sup>th</sup> 2018

CEUS Course: November, 1<sup>st</sup> – 3<sup>rd</sup> 2018

Munich – Germany

Interdisciplinary Ultrasound-Center, Department of Clinical Radiology

University of Munich-Großhadern Campus, Munich, Germany
Dear colleagues,

Never before has a new technique changed the field of ultrasound in such a revolutionary way like the use of ultrasound contrast media. The International CEUS Course is aiming at two goals: Understanding the basics of CEUS, US machines and settings and secondly deepening the understanding the benefit of using contrast agents in hepatic and extrahepatic diseases.

A renowned national and international faculty, well known for their extensive experience and contributions in CEUS, will give the participants a wealth of practical knowledge that can be used immediately in their practice. Didactic lectures covering all the primary applications and the latest scientific research will be reinforced with hands-on training or interactive case reviews during the workshops.

During this course there will be again time for individual training on the US machines and to work on clinical cases – from easy to difficult ones to interpret. Additionally representatives from the industry will inform you on the pre-course day you about latest and future technical developments, followed by hands on sessions on the latest US devices.

We hope you will benefit from attending this course -a European School project- which again is supported by the EFSUMB.

We wish you a successful educational course and a joyful stay in Munich

Dr. Hans-Peter Weskott  
Course Director

Prof. Dr. Dirk-André Clevert  
Course Director
Pre – Course:

Afternoon Session:  
Chair: HP Weskott

14:00 - 16:35: CEUS: Latest technical developments

14:00 - 14:30: Bracco
14:30 - 14:55: Canon Medical Systems
14:55 - 15:20: SuperSonic Imaging
15:20 - 15:45: Samsung
15:45 - 16:10: Philips
16:10 - 16:35: Hitachi Medical Systems
16:35 - 17:00: GE Healthcare
17:00 - 17:25: Siemens-Healthineers
14:00 – 18:00: Contrast Agent, US Equipment, technical introductions, workshops
Course:

Morning Session:  

08:00-09:00: Registration
09:00-09:05: Welcome address  

Weskott / Clevert

09:05-09:25: Bubbles and how to talk to them  

Burns

09:25-09:40: Adverse reactions  

Greis

09:40-09:55: What to do, if...

Stock

09:55-10:05: Discussion

10:05-10:20: Kinetics: Liver, Lung  

Weskott

10:20-10:30: Kinetics: Kidneys  

Stock

10:30-10:35: Discussion

10:35-10:50: Coffee break
Morning Session: Chair: DA Clevert

10:50-11:05: How to start my first examination and documentation Clevert
11:05-11:35: Benign FLL Weskott
11:35-11:55: Liver metastases Sidhu
11:55-12:05: Discussion
12:05-12:45: Interactive liver quiz Clevert
12:45-13:45: Lunch
Afternoon Session:  
13:45-14:30: WORKSHOPS

14:30-14:50: Diffuse liver disease  
Weskott

14:50-15:10: Parasites of the liver  
Weiss

15:10-15:40: ICC, HCC and LI-RADS  
Wilson

15:40-16:00: CEUS in liver interventions: RFA, Microwave, IRE  
Leen

14:30-14:50: Diffuse liver disease  
Weskott

14:50-15:10: Parasites of the liver  
Weiss

15:10-15:40: ICC, HCC and LI-RADS  
Wilson

15:40-16:00: CEUS in liver interventions: RFA, Microwave, IRE  
Leen

16:00-16:20: TACE and combined ablation treatment of liver lesions  
Clevert

16:20-16:40: Current Status and Prospects of Liver CEUS in Korea  
Lee

16:40-16:55: Gallbladder disease  
Weskott

16:55-17:00: Discussion

17:00-17:15: Coffee break

17:15-17:30: Parametric imaging, basic principles  
Greis

17:30-17:55: DCE for early evaluation of anti angiogenic treatment  
Lassau

17:55-18:15: CEUS and trauma  
Sidhu

18:15-18:35: CEUS in active bleeding, detection and treatment  
Clevert

19:30: Social Dinner
Morning Session:  

09:00-09:20: Update EFSUMB Guidelines and Recommendations for the clinical practice of CEUS in Non-Hepatic Applications  
Sidhu

09:20-09:40: Solid renal lesions  
Stock

09:40-10:00: Cystic renal lesions  
Clevert

10:00-10:05: Discussion

10:05-10:20: Infectious diseases  
Weskott

10:20-10:40: CEUS in renal interventions  
Clevert

10:40-11:00: CEUS and transplant kidney  
Correas

11:00-11:20: Coffee break

11:20-11:45: Solid pancreatic masses  
D`Onofrio

11:45-12:15: Cystic pancreatic masses  
D`Onofrio

12:15-12:35: Acute and chronic pancreatitis  
Pachmann

12:35-12:55: IRE and pancreatic interventions  
Leen

12:55-13:00: Discussion

13:00-14:00: Lunch
Afternoon Session: 

14:00-14:30: **WORKSHOP** (The battle in liver lesions) 

14:30-14:55: CEUS in prostate cancer  
Correas 

14:55-15:15: CEUS and testicle  
Sidhu 

15:15-15:45: Thyroid  
Cantisani 

15:45-16:05: CEUS in children  
Franke 

16:05-16:20: Discussion  

16:20-16:35: Coffee break  

16:35-16:55: CEUS- Carotid artery  
Clevert 

16:55-17:20: Aorta, EVAR, Endoleaks  
Clevert 

17:20-17:40: CEUS of the peripheral vessels, what's new?  
Richter 

17:40-18:00: Vessel wall: Examinations techniques, neovascularisation  
Feinstein 

18:00-18:05: Discussion  

18:05-18:45: **WORKSHOP**
More Extra-hepatic Indications

Morning Session: Chair: HP Weskott

09:00-09:30: CEUS in splenic diseases
Sidhu

09:30-09:35: Discussion

09:35-10:00: Microvascularisation and new examinations techniques
Weskott

10:00-10:05: Discussion

10:05-10:30: CEUS in lung consolidations
Blank

10:30-10:55: Breast
NN

10:55-11:20: Lymph nodes
Weskott

11:20-11:40: Sonoporation gene therapy – an option in future?
Feinstein

11:40-12:00: Plane wave US and new CA: What to expect in future?
Burns

12:00-12:10: Discussion

12:10-12:30: Coffee break

12:30-13:00: Final interactive quiz
Clevert

13:00: Adjourn
Course Directors

Dr. Hans-Peter Weskott
KRH Klinikum Siloah-Oststadt-Heidehaus, Hannover, Germany

and

Prof. Dr. Dirk-André Clevert
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Prof. Dr. Vito Cantisani
Sapienza University of Rome, Department of Radiological, Roma, Italy

Prof. Dr. Steve Feinstein
Cardiology Department, Rush University, Chicago, USA

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Imperial College, London, England

Prof. Dr. Mirko D`Onofrio
Institute of Radiology, GB Rossi Hospital, University of Verona. Verona, Italy

Prof. Dr. Paul Sidhu
Department of Radiology, King’s College London, UK

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Klinikum rechts der Isar der TU München, Abt. für Nephrologie, II. Med. Klinik, Germany

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Sunnybrook Health Sciences Centre, Toronto, Canada

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Medizinischen Klinik I, Kreiskliniken Reutlingen GmbH

Pr Jean-Michel Correas, MD, PhD
Adult Radiology Department, Necker University Hospital, Batiment Hamburger, 75015 Paris

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Children’s Department, Medical School Hannover, Germany

Dr. Christian Greis
Bracco Company, Konstanz, Germany
Prof. Dr. Natalie Lassau
Service d'echographie, Departement d'imagerie, Institut Gustave-Roussy, Villejuif Cedex, France

Prof. Dr. Jae Young Lee
Seoul National University Hospital

Dr. Carsten Pachmann
Internistenpraxis-Osterstrasse, Hamburg, Germany

Dr. Christian Richter, Oberfeldarzt
Gefäßzentrum der Bundeswehr, Klinik für Innere Medizin, Bundeswehrkrankenhaus Ulm, Germany

Dr. Daniel Weiss
Leit. Arzt Medizinische Klinik, Infektiologie und Med. Ultraschall, Switzerland
General Information

Meeting Venue
Ludwig Maximilians University Munich
Hospital Großhadern, G12 (Conference Room)
Marchioninistrasse 15
D-81377 Munich, Germany

Airport / Train

Munich's public transport infrastructure is one of the most efficient in the world. The closest airport is Munich Airport, located at 45 kilometres from the venue. Thanks to numerous continental and intercontinental destinations, guests from around the world can reach the Bavarian capital by direct flight. When arriving at the airport, you can take the public transportation to the conference. You will find the suburban train (S-Bahn) lines S1 and S8 directly below the central area of the Munich Airport. Depending on the route you choose, the ride from the airport to Meeting Venue takes between 45 and 60 minutes. Transport by taxi directly to the Hospital costs about 75 Euro.
Documents and badges

The congress documents should be collected on site at the registration desk. Name badges must be worn at all time during the course.

Language

The official language will be English. No simultaneous translation will be provided.

Refreshment breaks and lunches

Coffee breaks and lunches are included in the registration fee.

Registration fees

Registration fee will be 500 Euro and includes:

• Administration to all lectures and hands on sessions
• Access to the commercial exhibition
• All refreshment breaks and lunches during the congress
• Entrance to the Social Dinner on Thursday
• Registration does not include accommodation
Note: The number of participants is limited. The registration fee will increase by 100 Euro after August the 30th and 150 Euro by onsite registration.

Payment method
Payment will be made by bank transfer to Prof. Dr. D.-A. Clevert
Deutsche Bank 24 Berlin
Bank account: CEUS COURSE
IBAN DE 05 100 700 240 922219101
Swift DEUT DE DBBER

Cancellation policy
All cancellations must be notified in writing to the Organizing Secretary. Refunds will be processed after the course. Requests or refunds after the course will not be considered.
Meeting / Organizing secretary
CEUS COURSE
Hospital Großhadern
Marchioninistrasse 15
D-81377 Munich
Tel.: +49-173 3637322, Fax: +49- 89 / 44007-8832
Contact: Dirk.Clevert@med.uni-muenchen.de

Where to stay
A wide range of accommodation will be available for your selection. All hotels are located within a reasonable distance from the conference, with good transport links across the city.

Recommended hotels:
Hotel Neumayer, Heiglhofstr. 18, 81377 Munich, Tel.: +49-89/741144-0
Hotel am Klinikum, Würmtalstr. 99, 81375 Munich, Tel.: +49-89/125930-0
Hotel Thalmaier, Heiglhofstr. 3, 81377 Munich, Tel.: +49-89/741163-0

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