International Course in Contrast Enhanced Ultrasound

Hepatic and Extrahepatic Indications

Pre-Course: October 18th 2023

CEUS Course: October, 19th – 21st 2023

Course fees:
- Standard fee will be 600 €
- Online Course fee will be 300 €

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

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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 for your daily practice. 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 time again for an individual training on the US machines and to work on clinical cases – from easy to difficult ones to interpret. During the pre-course day representatives from the industry will inform you about latest and future technical developments. The pre-course day will end 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 (European Federation of Societies for Ultrasound in Medicine and Biology).

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 - 16:00: CEUS: Latest technical developments

14:00 - 14:10: ,
14:10 - 14:20: ,
14:20 - 14:30: ,
14:30 - 14:40: ,
14:40 - 14:50: ,
14:50 - 15:00: ,
15:00 - 15:10: ,
15:10 - 15:20: ,
15:20 - 15:30: ,
15:30 - 15:40: ,
15:40 - 15:50: ,
16:00 - 18:00: Industry round table discussion
1st Day

Morning Session: Chair: DA Clevert

08:00-09:00: Registration
09:00-09:05: Welcome address  Weskott / Clevert
09:05-09:25: The future developments of bubbles  Greis
09:25-09:40: What to do, if...  Stock
09:40-09:55: Discussion
09:55-10:30: Kinetics: Liver, Lung, Spleen, Kidney  Weskott
10:30-10:35: Discussion
10:35-10:50: Coffee break
Morning Session:  Chair: DA Clevert

10:50-11:10: How to start my first examination and documentation and what to do, if...  Clevert

11:10-11:40: Benign FLL  Weskott

11:40-12:00: Liver metastases  Sidhu

12:00-12:10: Discussion

12:10-12:45: Interactive liver quiz  Clevert

12:45-13:45: Lunch
Afternoon Session: Chair: S Wilson

13:45-14:30: WORKSHOPS
14:30-14:50: Diffuse liver disease
   Weskott
14:50-15:10: Development of liver abscesses
   Kunze
15:10-15:40: HCC and ICC
   Wilson
15:40-16:00: LI-RADS
   Kono
16:00-16:20: Sonazoid: Recommendations & Consensus statements
   Lee
16:20-16:35: CEUS in pregnant women
   Clevert
16:35-16:55: CEUS in liver interventions: RFA, Microwave, IRE
   Leen
16:55-17:00: Discussion
17:00-17:15: Coffee break
17:15-17:35: Gallbladder disease
   Weskott
17:35-18:00: CEUS in splenic diseases
   Sidhu
18:00-18:20: CEUS and trauma
   Clevert
18:20-18:30: Discussion
19:30: Social Dinner
2nd Day  Morning Session:  Chair: K Stock

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 pancreatic masses  
D`Onofrio

09:40-10:00: Cystic pancreatic masses  
D`Onofrio

10:00-10:05: Discussion

10:05-10:20: Acute and chronic pancreatitis  
Weskott

10:20-10:40: IRE and pancreatic interventions  
Leen

10:40-11:00: Solid renal lesions  
Stock

11:00-11:20: Coffee break

11:20-11:45: Contrast enhanced Ultrasound in gastric cancer  
Huang

11:45-12:15: Cystic renal lesions  
Clevert

12:15-12:35: Infectious renal diseases  
Weskott

12:35-12:55: CEUS in renal interventions  
Clevert

Darge

13:15-13:20: Discussion

13:20-14:20: Lunch
Afternoon Session: Chair: D.-A. Clevert

14:20-14:45: WORKSHOP

14:45-15:10: CEUS and Transplant Kidney Fischer
15:10-15:40: CEUS and Transplant Liver Clevert
15:40-16:05: Novel aspects of quantifying the blood supply of HCC and potential treatment options Averkiou

16:05-16:20: Discussion

16:20-16:35: Coffee break

16:35-17:20: CEUS - Carotid artery, Aorta, EVAR Clevert
17:20-17:40: Vessel wall: Examinations techniques, neovascularisation Feinstein
17:40-18:00: Vascular bleeding detected by CEUS Clevert
18:00-18:10: Discussion

18:10-18:45: WORKSHOP
3rd Day More Extra-hepatic Indications

Morning Session: Chair: HP Weskott

09:00-11:30: Europe meets China Live
09:00-09:40: Education
Liver CEUS in China: the recent progress and future directions Xu Sidhu
09:40-09:50: Discussion

09:50-10:30: Plaque Vascularization Huang Clevert

10:30-10:40: Discussion

10:40-11:20: Basic Thyroid and AI thyroid ultrasound Cantisani Stock

11:20-11:30: Discussion

11:30-11:50: Coffee break
3rd Day  More Extra-hepatic Indications

Morning Session:  

Chair: HP Weskott

11:50-12:10: Role of ultrasound guided radiofrequency ablation for thyroid nodule treatment  
Radzina

12:10-13:20: The future of ultrasound

12:10-12:30: Sonoporation gene therapy – an option in future?  
Feinstein

12:30-12:50: CEUS in Paediatric and Transplantation  
Franke

12:50-13:05: Toy or tool, AI in ultrasound  
Clevert

13:05-13:20: Discussion and Adjourn
Workshops:

19th October 2023

13:45-14:30: WORKSHOPS

1. Tips and Tricks
   Weskott

2. CEUS in evaluation of the bowel
   Wilson

20th October 2023

14:20-14:45: WORKSHOP

1. Interactive quiz of liver lesions
   Clevert

2. Lymph nodes
   Weskott

18:10-18:45: WORKSHOP

1. Clinical cases from Riga
   Radzina

2. LI-RADS-Quiz
   Kono
Course Directors

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

and

Prof. Dr. Dirk-André Clevert
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Imperial College, London, England

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Children’s Department, Medical School Hannover, Germany

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Clinical Professor of Medicine, Gastroenterology and Hepatology, Radiology
University of California San Diego
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Prof. Dr. Maija Radzina
Riga Stradins University, Latvia

Prof. Dr. Hui-Xiong Xu
Center of Minimally Invasive Treatment for Tumor, Department of Medical Ultrasound, Shanghai Tenth People’s Hospital, School of Medicine, Tongji University, Shanghai, China
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 95 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 Munich / Online

Online Course fee will be 300 €

Registration fee will be 600 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 being present in the lecture room is limited! The registration fee will increase by 100 Euro after August the 20th 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

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

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