

ADVANCED ULTRASOUND (AUS)

WEDNESDAY, MAY 29, 2024

08:00 – 08:45 AUS 1 LIVER CEUS APPLICATIONS

Moderator: Arturas Samuilis, Vilnius/LT

Liver CEUS applications and guidelines

Keynote lecture: Vito Cantisani, Rome/IT

Learning objectives:

- › To become familiar with CEUS technique and contrast media
- › To learn about the main applications of CEUS in the liver in daily practice including an overview of the current guidelines
- › To learn about CEUS role among other imaging modalities (CT/MR) and among ultrasound modalities (CEUS as part of multiparametric ultrasound)

09:00 – 10:30 AUS 2 CEUS LIRADS AND TIPS AND TRICKS

Moderator: Christophe Aube, Angers/FR

CEUS LIRADS

Keynote lecture and case discussion: Tommaso V. Bartolotta, Palermo/IT

Learning objectives:

- › To learn about the CEUS LIRADS classification and for which patient cohort it can be used
- › To learn the patterns of HCC and differential diagnoses on CEUS in non-cirrhotic liver
- › To learn the patterns of HCC and differential diagnoses on CEUS in cirrhotic liver Interactive discussion of the cases from daily routine

CEUS as problem solving tool, tips and tricks for best performance

Keynote lecture and case discussion: Vasileios Rafailidis, Thessaloniki/GR

Learning objectives:

- › To learn about typical pitfalls in CEUS examinations of the liver
- › To learn strategies for CEUS guided procedures
- › To become familiar with post-processing of CEUS images/series Interactive discussion of the cases from daily routine

ADVANCED ULTRASOUND (AUS)

11:00 – 12:30 **AUS 3** CEUS APPLICATIONS FOCAL LIVER LESIONS

Moderator: Christoph J. Zech, Basel/CH

CEUS in Benign focal liver lesion

Keynote lecture and case discussion: Vito Cantisani, Rome/IT

Learning objectives:

- › To learn about the CEUS pattern of benign liver lesions
- › To learn FLL CEUS differential diagnostic tips and tricks in daily practice
- › To learn an optimized approach for potentially benign incidental FLL

Interactive discussion of the cases from daily routine

CEUS in Malignant focal liver lesions

Keynote lecture and case discussion: Maija Radzina, Riga/LV

Learning objectives:

- › To learn about the main malignant focal liver lesion characteristics on CEUS
 - › To learn FLL CEUS differential diagnostic tips and tricks in daily practice
 - › To learn about value of CEUS as compared to other imaging modalities
- Interactive discussion of the cases from daily routine

14:30 – 16:00 **AUS 4** CEUS FOR GUIDANCE AND EVALUATION OF LIVER INTERVENTIONS

Moderator: Valerie Vilgrain, Paris/FR

Post-treatment evaluation of liver with CEUS

Keynote lecture and case discussion: Olivier Lucidarme, Paris/FR

Learning objectives:

- › To learn about imaging findings on CEUS of the liver after locoregional treatment
 - › To learn about acute complications after those treatments including vascular complications after liver transplantation and their appearance on CEUS
 - › To learn how to diagnose local tumor recurrence after locoregional or surgical treatments
- Interactive discussion of the cases from daily routine

Hands-on US guided interventions

Viktors Linovs, Riga/LV ; Christoph J. Zech, Basel/CH; Valerie Vilgrain, Paris/FR

Learning objectives:

- › To practice handling of the probe in US-guided interventional procedures
- › To practice needle visualization for US-guided biopsies in a chicken-breast / phantom
- › To learn about tips and tricks/technique for a safe and efficient US guided biopsy

ADVANCED ULTRASOUND (AUS)

THURSDAY, MAY 30, 2024

08:00 – 08:45 AUS 5 LIVER FIBROSIS AND STEATOSIS US ASSESSMENT

Moderator: Vito Cantisani, Rome/IT

What is the role of US in Quantification of Liver Fibrosis and Steatosis

Keynote lecture: Valerie Vilgrain, Paris/FR

Learning objectives:

- › To learn about the technical background of US for assessing liver fibrosis and steatosis
- › To learn about the role of advanced US techniques (attenuation patterns and shear wave elastography technique) for characterization of those entities
- › To learn about current use in clinical practice according to recent guidelines

09:00 – 10:30 AUS 6 LIVER FIBROSIS AND STEATOSIS: HOW I DO IT?

Moderator: Maija Radzina, Riga/LV

US elastography and steatosis quantification made easy: the basic concepts

Keynote lecture: Vasileos Rafailidis, Thessaloniki/GR

Live DEMO Liver

Vito Cantisani, Rome/IT

Hands-on US-Elastography

Emilio Quaia, Padua/IT; Vito Cantisani, Rome/IT, Maija Radzina, Riga/LV

Learning objectives:

- › To learn how to practically perform US-Elastography and steatosis quantification in the liver
- › To learn how to optimize image quality for those techniques
- › To learn about pitfalls in interpretation of the results and how to avoid them

ADVANCED ULTRASOUND (AUS)

11:00 – 12:30 **AUS 7** **QUANTIFICATION OF DIFFUSE LIVER DISEASE**

Moderator: Raminte Luksaite, Vilnius/LH

Liver Fibrosis and Portal hypertension assessment

Keynote lecture and case discussion: Christophe Aubé, Angers/FR

Learning objectives:

- › To learn about the clinical relevance of liver fibrosis and portal hypertension
- › To describe typical imaging findings and relation between fibrosis and hypertension risk assessment
- › To show typical cases of liver fibrosis and patients with portal hypertension

Liver Steatosis Quantification: Advances and Limitations

Keynote lecture and case discussion: Tommaso V. Bartolotta, Palermo/IT

Learning objectives:

- › To learn about the clinical relevance of liver steatosis
- › To learn about typical imaging findings in liver steatosis
- › To show typical cases of patients with various degrees of liver steatosis

14:30 – 16:00 **AUS 8** **NON-LIVER CEUS APPLICATIONS**

Moderator: V. Rafailidis

Non-liver abdominal CEUS applications, bile ducts and gallbladder

Keynote lecture and case discussion: Demosthenes Cokkinos, Athens/GR

Learning objectives:

- › To learn about the technique of CEUS in non-liver applications of CEUS, overview of the guidelines
- › To learn about the main diagnostic intravascular and intracavitary applications of CEUS in abdominal organs in daily practice
- › To learn about the main gallbladder and bile ducts lesion characteristics on CEUS

Small bowel CEUS applications, CEUS role in IBD diagnostics and follow-up

Keynote lecture and case discussion: Emilio Quaia, Padua/IT

Learning objectives:

- › To learn about the main CEUS imaging pattern of the small bowel
- › To learn about the role of CEUS in IBD diagnostics and follow-up including current guidelines
- › To learn about typical imaging pattern of patients with IBD before and after treatment

HELPFUL INFORMATION

BADGES

Name badges will be mailed to participants who register until the second deadline. In case you do not receive your badge in the mail please visit the registration counter at the venue upon your arrival. Participants with a badge on hand may proceed to the fastlane registration.

CONGRESS VENUE

You will find the Swedish Exhibition & Congress Centre in the heart of the city of Gothenburg. With a vibrant city life next door you have a walking distance to shopping, restaurants and sport/music arenas. Airport buses travel to and from Landvetter Airport (approx. 20 min. journey) stopping at Korsvägen/Svenska Mässan. They run directly between these stops.

Svenska Mässan
Mässans gata 24
412 51 Gothenburg, Sweden

LETTER OF INVITATION

The Central ESGAR Office is pleased to provide you with a formal invitation letter as soon as ESGAR has received your registration AND payment. It is understood that such an invitation is intended to help potential delegates to raise funds or to obtain a visa. This does not imply any commitment for ESGAR to provide financial funds or accommodation!

LIABILITY

ESGAR is not liable for personal injury and loss of or damage to private property. Participants should obtain the appropriate travel insurance. The place of performance of any duties and obligations for both ESGAR and the participant's sides shall be Vienna, Austria. Any contractual relationship with ESGAR shall be subject to Austrian law.

CONGRESS LANGUAGE

The meeting will be held in English.

PASSPORT AND VISA

If you are a citizen of a country outside the EU and you want to visit Sweden (and the other Schengen countries), you may need to apply for a visa. A visa is a permit to enter a country and stay there for less than 90 days. Whether you need a visa depends on what country you are from or if you have a residence permit in another Schengen country or if you are permanently living in an EU country.