

## Ultrasonography for the Gastroenterologist "See with Sound Inside the Abdomen"

The **UEG Ultrasound Learning Area** promotes the role of a major diagnostic and interventional tool in gastroenterology: clinical ultrasonography in the hands of the gastroenterologist.

All the UGE Week participants are invited to explore the "world of imaging with sound".

This year the Ultrasound Learning Area offers **basic and postgraduate courses on ultrasonography**, individual **hands-on training**, **special lectures** in abdominal ultrasonography and **an introductory course on ultrasound in inflammatory bowel diseases**. The program is specially designed for both young and senior gastroenterologists, with or without experience in ultrasonography, and also for those with interest in the new developments in ultrasound-based techniques.

The tutors will be at your side during the UEG Week to guide you on this interesting diagnostic tool.

The Main topic of the special lectures is **Multiparametric ultrasound for liver diseases**.

The Ultrasound Learning Area is run in courtesy of EFSUMB.

### **IBD Course on Tuesday**

In recent years, ultrasound diagnostics have become essential for the diagnosis, assessment of activity, prediction of treatment response and, in particular, the assessment of the course of inflammatory bowel disease. Similar in accuracy to MRI, ultrasound, unlike MRI, is a very inexpensive imaging technique in the hands of the gastroenterologist and can be integrated directly into clinical diagnostics without delay or loss of information.

Communication with the patient, clinical examination, ultrasound imaging and decision-making go hand in hand.

This is why we are offering an introductory course on ultrasound in IBD for the first time at UEG Week, in which internationally recognized experts will teach you the essentials of sonographic diagnostics in Crohn's disease and ulcerative colitis in a combination of lectures, live demonstrations on patients and hand-on exercises/simulator training.

Join us as gastroenterologists to take the first step towards your diagnostic autonomy in IBD! Participants should have basic knowledge of sonographic imaging or acquire it beforehand by attending the Basic and Advanced Courses in the Ultrasound Learning Area.

**Course Directors:**

1. Alina Popescu, Timișoara, Romania
2. Christian Jenssen, Strausberg-Wriezen, Germany

**Faculty**

3. Dieter Nürnberg, Neuruppin, Germany
4. Ioan Sporea, Timișoara, Romania
5. Roxana Șirli, Timișoara, Romania
6. Kim Nylund, Bergen, Norway
7. Adrian Săftoiu, Bucharest, Romania
8. Zeno Spârchez, Cluj Napoca, Romania
9. Maria Nürnberg, Neuruppin, Germany
10. Matthias Wüstner, Trier, Germany
11. Ivica Grgurevic, Zagreb, Croatia
12. Maria Luigia Vaiano, Milan, Italy
13. Matteo Rosselli, Florence, Italy
14. Tudor Moga, Timișoara, Romania
15. Thomas Müller, Wiesbaden, Germany
16. Frauke Petersen, Lüneburg, Germany
17. Giovanni Maconi, Milan, Italy
18. Cristian Tieranu, Romania

## Saturday, October 4, 2025

### Ultrasonography for the Gastroenterologist

#### Basic Course - Part I - Basics and introduction in abdominal ultrasound examinations

##### 9:00 – 10:30 Session 1

Moderation: *Christian Jenssen, Alina Popescu*

09:00 – 09:10 Introduction and aims of the course

*Christian Jenssen*

09:10 – 09:25 The view in the body – examination technique and Sonoanatomy

*Alina Popescu*

09:25 – 09:40 Abdominal vessels – landmarks

*Thomas Müller*

09:40 – 09:50 Abdominal ultrasound examination (tips and tricks) – live demonstration

*Dieter Nürnberg*

09:50 – 10:30 Hands-on Training: Focus abdominal vessels

*Faculty*

##### 10:30 – 11:00 Coffee break

##### 11:00 – 12:30 Session 2

Moderation: *Ioan Sporea, Matteo Rosselli*

11:00 – 11:15 Examination of the liver

*Ioan Sporea*

11:15 – 11:30 Examination of the gall bladder and bile ducts

*Roxana Şirli*

11:30 – 11:45 Examination of the pancreas

*Matteo Rosselli*

11:45 – 12:30 Hands-on Training: Focus on liver, biliary system and pancreas

*Faculty*

##### 12:30 – 13:30 Lunch break

##### 13:30 – 15:00 Session 3

Moderation: *Roxana Şirli, Kim Nylund*

13:30 – 13:45 How to adjust the ultrasound image and useful artefacts

*Christian Jenssen*

13.45-14.00 Different ultrasound systems – what are they useful for?

*Dieter Nürnberg*

14:00 – 14:15 Abdominal ultrasound examination (tips and tricks) – live demonstration

*Alina Popescu*

14:15– 14:30 Where to check for free fluid and gas in the abdomen?

*Matthias Wüstner*

14:30 – 15:00 Hands-on Training

*Faculty*

**15:00 – 15:30 Coffee break**

**15:30 – 17:00 Session 4**

Moderation: *Christian Jenssen, Dieter Nürnberg*

15:30 – 15:50 How to assess the bowel by ultrasound

*Kim Nylund*

15:50 – 16:00 Closing remarks for the first day. Certificates.

*Dieter Nürnberg, Christian Jenssen*

16:00 – 17:00 Hands-on Training

*Faculty*

**Sunday, October 5, 2025**

**Ultrasonography for the Gastroenterologist**

**Advanced Course - Part II - Pathology and special topics in abdominal ultrasound examinations**

**8:00 – 9:30 Session 1: Gallbladder and bile ducts**

Moderation: *Dieter Nürnberg, Matthias Wüstner*

08:00 – 08:05 Introduction and aims of the course

*Dieter Nürnberg*

08:05 – 08:20 Incidental findings

*Christian Jenssen*

08:20 – 08:35 Biliary obstruction: Levels and causes of obstruction

*Zeno Spârchez*

08:35 – 08:50 Acute biliary diseases

*Matthias Wüstner*

08:50 – 09:30 Hands-on Training: Gallbladder and biliary system

*Faculty*

**9:30 – 10:00 Coffee break**

**10:00 – 11:30 Session 2: Pancreas**

Moderation: *Adrian Săftoiu, Zeno Spârchez*

10:00 – 10:15 Acute pancreatitis: US-based algorithm, complications

*Alina Popescu*

10:15 – 10:30 Chronic pancreatitis: US and EUS

*Maria Nürnberg*

10:30 – 10:45 Pancreatic tumors: diagnosis, staging, resectability

*Adrian Săftoiu*

10:45 – 10:55 Abdominal ultrasound examination (tips and tricks) – live demonstration

*Christian Jenssen*

10:55 – 11:30 Hands-on Training: Pancreas and portal system

*Faculty*

**11:30 – 12:00 Lunch break**

**12:00 – 13:00 Session 3: Liver**

Moderation: *Thomas Müller, Ivica Grgurević*

12:00 – 12:15 Parenchymal liver diseases

*Ioan Sporea*

12:15 – 12:30 Portal Hypertension and other vascular liver disease

*Ivica Grgurević*

12:30 – 12:45 Focal liver lesions

*Thomas Müller*

12:45 – 13:00 Hands-on Training: Focus on the liver

*Faculty*

**13:00 – 13:30 Break**

**13:30 – 15:00 Opening Plenary Session of UEG Week**

**15:00 – 15:30 Coffee break**

**15:30 – 16:30 Session 4: GI tract**

Moderation: *Frauke Petersen, Ioan Sporea*

15:30 – 15:45 Gastrointestinal ultrasound guidelines

*Kim Nylund*

15:45 – 16:00 The role of ultrasound in appendicitis and acute diverticulitis

*Maria Luigia Vaiano*

16:00 – 16:15 GI tract – other applications (with the exclusion of IBD)

*Frauke Petersen*

16:15 – 16:30 Hands-on Training: Focus on bowel

*Faculty*

**16:30 – 17:00 Coffee break**

**17:00 – 18:00 Session 5**

Moderation: *Christian Jenssen, Alina Popescu*

*Ultrasound as a game changer in typical clinical scenario – (video demonstration)*

17:00 – 17:10 *Liver – clinical scenario in liver disease – Maria Nürnberg*

17:10 – 17:20 *Biliary tract – clinical scenario in biliary disease – Matteo Rosselli*

17:20 – 17:30 *Digestive tract – clinical scenario in digestive tract disease - Maria Luigia Vaiano*

17:30 – 17:40 *Interesting case in gastroenterology solved by interventional ultrasound – Tudor Moga*

17:40 – 17:45 Closing remarks, certificates

*Christian Jenssen, Dieter Nürnberg*

17:45 – 18:00 Hands-on Training

*Faculty*

**Monday, October 6, 2025**

**8:30 – 9:30 Session 1**

Hands-on Training

*Faculty*

**9:30 – 10:00 Coffee break**

**10:00 – 11:00 Session 2**

Hands-on Training

*Faculty*

**11:00 – 11:30 Coffee break**

**11:30 – 12:30 Session 3**

Hands-on Training

*Faculty*

**12:30 – 14:30 – Lunch break**

**13:30 – 15:30 Lunch Session Part  
III – Noon Lectures**

**Multiparametric ultrasound for liver diseases**

Moderation: *Ioan Sporea, Christian Jenssen*

13:30 – 14:00 Ultrasound based techniques for the evaluation of liver steatosis and fibrosis  
*Ioan Sporea, Romania*

14:00 – 14:20 Ultrasound based techniques for the evaluation of portal hypertension  
*Dieter Nürnberg, Germany*

14:20 – 14:40 Contrast enhanced ultrasound for the evaluation of focal liver lesions  
*Roxana Şirli, Romania*

14:40 – 15:10 US and EUS guided diagnostic and therapeutic procedures in liver pathology  
*Christian Jenssen, Germany*

15:10 – 15:30 New developments in liver ultrasound: fusion, artificial intelligence  
*Adrian Săftoiu, Romania*

**15:30 – 16:00 Coffee break**

**16:00 – 17:00 Session 4**

Hands-on Training  
*Faculty*

**Tuesday, October 7, 2025**

**Introductory course: Ultrasound in Inflammatory Bowel Diseases**

**8:30 – 9:30 Session 1**

Moderation: *Alina Popescu, Christian Jenssen*

8:30 – 8:45 The role of ultrasound in IBD guidelines; requirements for GIUS  
*Christian Jenssen*

8:45 – 9:00 Examination of the normal bowel  
*Alina Popescu*

9:00 – 9:30 Live demonstration on normal bowel ultrasound  
*Giovanni Maconi*

**9:30 – 10:00 Coffee break**

**10:00 – 11:00 Session 2**

Moderation: *Frauke Petersen, Giovanni Maconi*

10:00 – 10:15 Ultrasound signs in Crohn's disease: how and what to look for?

*Giovanni Maconi*

10:15 – 10:30 Ultrasound role in complications in Crohn's disease (including interventions)

*Frauke Petersen*

10:30 – 10:45 Ultrasound signs in ulcerative colitis: how and what to look for?

*Maria Luigia Vaiano*

10:45 – 11:00 Hands on Training

*Faculty*

**11:00 – 11:30 Coffee break**

**11:30 – 13:00 Session 2**

Moderation: *Christian Jenssen, Zeno Spârchez*

11:30 – 11:45 Ultrasound activity scores and surveillance of treatment response in IBD

*Giovanni Maconi*

11:45 – 12:00 CEUS and elastography – is there a role in IBD?

*Zeno Spârchez*

12:00 – 13:00 Live demo IBD cases

*Faculty*

**13:00 – 14:00 – Lunch break**

**14:00 – 15:30 Session 4**

Hands-on Training

*Faculty*