

ULTRASOUND LEARNING AREA – PROGRAMME

Saturday 8 October 2022

Ultrasonography for the Gastroenterologist

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

This year the Ultrasound Learning Area returns to the on-site format and offers basic and postgraduate courses on ultrasonography, individual hands-on training and special lectures in abdominal ultrasonography. The programme is designed for both young and senior gastroenterologists, with or without experience in ultrasonography.

Main topics of the special lectures are the role of ultrasound in liver diseases and interventional ultrasound.

The Ultrasound Learning Area is run in cooperation with EFSUMB.

Course Directors:

Alina Popescu, Timișoara, Romania

Christian Jenssen, Strausberg-Wriezen, Germany

Faculty

Dieter Nürnberg, Neuruppin, Germany

Ioan Sporea, Timișoara, Romania

Odd Helge Gilja, Bergen, Norway

Roxana Șirli, Timișoara, Romania

Thomas Müller, Wiesbaden, Germany

Kim Nylund, Bergen, Norway

Adrian Săftoiu, Romania

Zeno Spârchez, Cluj Napoca, Romania

Maria Nürnberg, Neuruppin, Germany

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

Dieter Nürnberg

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

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

10:30 – 11:00 Coffee break

11:00 – 12:30 Session 2

Moderation: Dieter Nürnberg, Ioan Sporea

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

Christian Jenssen

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: Kim Nylund, Thomas Müller

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

Christian Jenssen (or Stefan Uebel)

13:45 – 14:00 Where to check for free fluid and gas in the abdomen?

Thomas Müller

14:00 – 14:15 Are the other abdominal organs important for the gastroenterologist? How we examine the kidneys, spleen, pelvis

Dieter Nürnberg

14:15 – 14:30 Ultrasound of the Thorax – what a gastroenterologist should know

Zeno Spârchez

14:30 – 15:00 Hands-on Training

Faculty

15:00 – 15:30 Coffee break

15:30 – 17:00 Session 4

Moderation: Dieter Nürnberg, Alina Popescu

15:30 – 15:50 First look at stomach and bowel – typical positions

Kim Nylund

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

Alina Popescu, Dieter Nürnberg

16:00 – 17:00 Hands-on Training

Faculty

Sunday 9 October 2022

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: Christian Jenssen, Thomas Müller

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

Roxana Şirli

08:05 – 08:20 Incidental findings

Christian Jenssen

08:20 – 08:35 Obstructive jaundice: levels and causes of obstruction

Thomas Müller

08:35 – 08:50 Acute biliary diseases

Roxana Şirli

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: Dieter Nürnberg, Roxana Şirli

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

Dieter Nürnberg

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

Adrian Săftoiu

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

Christian Jenssen

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

Odd Helge Gilja/Thomas Müller/Dieter Nürnberg

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: Ioan Sporea, Alina Popescu

12:00 – 12:15 Parenchymal liver diseases

Ioan Sporea

12:15 – 12:30 Vascular liver disease; TIPS

Zeno Sparchez

12:30 – 12:45 Focal liver lesions

Alina Popescu

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

Faculty

13.00 – 13.30 Break

13.30 – 14.30 **Opening Plenary Session of UEG Week**

14:30 – 15:00 Coffee break

15:00 – 16:00 Session 4: GI tract

Moderation: Odd Helge Gilja, Adrian Săftoiu

15:00 – 15:15 Inflammatory bowel diseases

Odd Helge Gilja

15:15 – 15:30 Non-IBD inflammatory bowel diseases; ischemic colitis

Kim Nylund

15:30 – 15:45 GI tract tumors: US and EUS

Adrian Săftoiu

15:45 – 16:00 Hands-on Training: Focus on bowel

Faculty

16:00 – 16:30 Coffee break

16:30 – 17:30 Session 5

Moderation: Christian Jenssen, Dieter Nürnberg

16:30 – 16:55 Interesting cases – (video demonstration)

Faculty

16:55 – 17:00 Closing remarks, certificates

Christian Jenssen, Dieter Nürnberg

17:00 – 17:30 Hands-on Training

Faculty

Monday 10 October 2022

8:00 – 9:00 Session 1

Hands-on Training

Faculty

9:00 – 9:30 Coffee break

9:30 – 10:30 Session 2

Hands-on Training

Faculty

10:30 – 11:00 Coffee break

11:00 – 12:00 Session 3

Hands-on Training

Faculty

12:00 – 14:00 – Lunch break

13:00 – 15:00 Lunch Session

Part III – Noon Lectures

Multiparametric ultrasound of the liver

Moderation: Ioan Sporea, Christian Jenssen

13:00 – 13:20 Ultrasound based techniques for the evaluation of liver steatosis

Ioan Sporea, Romania

13:20 – 13:40 Ultrasound based techniques for the evaluation of liver fibrosis

Alina Popescu, Romania

13:40 – 14:00 Ultrasound based techniques for the evaluation of portal hypertension

Dieter Nürnberg, Germany

14:00 – 14:20 US-guided biopsy in parenchymal liver disease and focal liver lesions

Thomas Müller, Germany

14:20 – 14:40 Contrast enhanced ultrasound for the evaluation of focal liver lesions

Odd Helge Gilja, Norway (or Christian Jenssen, Germany)

14:40 – 15:00 New developments in liver ultrasound: fusion, artificial intelligence

Adrian Săftoiu, Romania

15:00 – 15:30 Coffee break

15:30 – 16:30 Session 4

Hands-on Training

Faculty

16:30 – 17:00 Coffee break

17:00 – 18:00 Session 5

Hands-on Training

Faculty

Tuesday 11 October 2022

8:00 – 9:00 Session 1

Hands-on Training

Faculty

9:00 – 9:30 Coffee break

9:30 – 10:30 Session 2

Hands-on Training

Faculty

10:30 – 11:00 Coffee break

11:00 – 12:00 Session 3

Hands-on Training

Faculty

12:00 – 14:00 – Lunch break

13:00 – 15:00 Lunch session

Part IV – Noon Lectures

Interventional Ultrasound (INVUS)

Moderation: Dieter Nürnberg, Adrian Săftoiu

13:00 – 13:20 Impact of INVUS in Gastroenterology

Christian Jenssen, Germany

13:20 – 13:40 Basic Principles of INVUS and Needle Guidance

Thomas Müller, Germany

13:40 – 14:00 Ultrasound in the management of liver abscesses

Alina Popescu, Romania

14:00 – 14:20 Biliary Interventions – a Special Field in INVUS

Dieter Nürnberg, Germany

14:20 – 14:40 Complications in INVUS

Zeno Spârchez, Romania

14:40 – 15:00 Pancreatic interventions – US vs. EUS

Adrian Săftoiu, Romania