

# Preliminary Program

## Ultrasound Learning Area

### UEG Barcelona 19.10.2019 – 23.10.2019

The Ultrasound Learning Area promotes the role of a major diagnostic and interventional tool in gastroenterology: Clinical ultrasonography in the hands of the gastroenterologist. The Ultrasound Learning Area offers individual hands-on training, a basic and an advanced course on ultrasonography for the gastroenterologist, which are designed for both, the beginner and the experienced and lectures in abdominal ultrasonography in the topics Gastrointestinal US (GIUS) and Contrast-enhanced US (CEUS) presented by expert gastroenterologists.

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#### Course directors:

Dieter Nuernberg, Neuruppin, Germany

Odd Helge Gilja, Bergen, Norway

Ioan Sporea, Timisoara, Romania

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#### Faculty members & hands-on-tutors:

Christian Jenssen, Strausberg-Wriezen, Germany

Hendra Lo, Neuruppin, Germany

Thomas Müller, Wiesbaden, Germany

Maria Nürnberg, Neuruppin, Germany

Kim Nylund, Bergen, Norway

Alina Popescu, Timisoara, Romania

Adrian Saftoiu, Craiova, Romania

Roxana Sirlu, Timisoara, Romania

Stefan Uebel, Hitachi Co.

Zeno Sparchez, Cluj, Romania

Stefan Uebel, Hitachi Co.

Jonas Valentinas, Vilnius, Lithuania

## Ultrasound Learning Area Room ...

### Programme Overview

### Ultrasonography for the Gastroenterologist

	Saturday October 19, 2019	Sunday October 20, 2019	Monday October 21, 2019	Tuesday October 22, 2019	Wednesday October 23, 2019
09:00	PART I 09:00 – 16:00 <b>Basic Course</b>	PART II 09:00 – 16:00 <b>Advanced Course</b>	Hands-on Training C 09:00 – 12:00	Hands-on Training E 09:00 – 12:00	
10:00					
11:00					Hands-on Training G 09:00 – 14:00
12:00			PART III 13:00 – 15:00 Noon Lectures <b>Gastrointestinal US (GIUS)</b>	PART IV 13:00 – 15:00 Noon Lectures <b>Contrast Enhanced US (CEUS)</b>	
13:00					
14:00					
15:00			Hands-on Training D 15:00 – 18:00	Hands-on Training F 15:00 – 18:00	
16:00	Hands-on Training A 16:00 – 18:00	Hands-on Training B 16:00 – 18:00			
17:00					

#### Saturday, October 19, 2019

### Basic Course

#### Part I 09:00 – 16:00

Basics and introduction in abdominal ultrasound examinations

Moderation: I. Sporea, A. Popescu

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

*I. Sporea*

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

*A. Popescu*

09:25 – 09:40 Abdominal vessels – landmarks

**Z. Sparchez**

09:40 – 10:30 Hands-on Training: Focus abdominal vessels

*Faculty*

10:30 – 11:00 Coffee Break

Moderation: A. Popescu, Z. Sparchez

11:00 – 11:15 Examination of liver

*I. Sporea*

11:15 – 11:30 Examination of gall bladder and bile duct

**R. Sirlì**

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

*Faculty*

12:30 – 12:45 Physics and technique – setting up the machine and small introduction to technical details

*S. Uebel*

12:45 – 13:00 Examination of pancreas

**C. Jenssen**

13:00 – 14:00 Lunch Break

Moderation: K. Nylund, **C. Jenssen**

14:05 – 14:45 Hands-on Training: Focus pancreas and retroperitoneum

*Faculty*

14:45 – 15:00 Examination of (abdominal) lymph nodes

*C. Jenssen*

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

*K. Nylund*

15:00 – 15:15 Where to check for free fluid and gas?

*D. Nuernberg*

15:30 – 15:55 Video demonstration and QUIZZ

*A. Popescu*

15:55 – 16:00 Closing remarks for the first day

*I. Sporea, D. Nuernberg*

## Hands-on Training A

16:00 – 18:00

Ultrasonography for the Gastroenterologist

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Sunday, October 20, 2019

## Advanced Course

Part II 09:00 – 16:00

Pathology and special topics in abdominal ultrasound examinations

Moderation: D. Nuernberg, I. Sporea

09:00 – 09:05 Introduction and aims of the course

*D. Nuernberg*

09:05 – 09:20 Gall bladder pathology: Stones and tumors

**R. Sirlì**

09:20 – 09:35 Pancreas pathology – focal lesions

*C. Jenssen*

09:35 – 09:50 Liver pathology: Diffuse changes

*I. Sporea*

09:50 – 10:30 Hands-on Training: Bile duct, liver and portal system

*Faculty*

10:30 – 11:00 Coffee Break

Moderation: C. Jenssen, **T. Müller**

11:00 – 11:10 Better examination (tips and tricks) – live demonstration

*D. Nuernberg*

11:10 – 11:25 Focal liver lesions

*Z. Sparchez*

11:25 – 11:40 Pathology of abdominal vessels

*C. Jenssen*

11:40 – 12:25 Hands-on Training: Liver segments, abdominal vessels

*Faculty*

12:25 – 12:45 Pathology of gastrointestinal tract

*K. Nylund*

12:45 – 13:00 Better examination (tips and tricks) – live demonstration – how to find the appendix?

*T. Müller*

13:00 – 14:00 Lunch Break

Moderation: O.H. Gilja, D. Nuernberg

14:00 – 14:15 Bile duct pathology: Causes of obstruction

*T. Müller*

14:15 – 14:30 Pancreas pathology – inflammatory changes

*OH. Gilja*

14:30 – 15:15 Hands-on Training: Focus pancreas and bowel

*Faculty*

15:15 – 15:30 Other abdominal and retroperitoneal pathology interesting for gastroenterologists

*D. Nuernberg*

15:30 – 15:55 Interesting cases – (video demonstration)

**Faculty**

15:55 – 16:00 Closing remarks, certificates

*O.H. Gilja, D. Nuernberg*

## Hands-on Training B

16:00 – 18:00

Ultrasonography for the gastroenterologist

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Monday, October 21, 2019

## Hands-on Training C

09:00 – 12:00

Ultrasonography for the gastroenterologist

### PART III 13:00 – 15:00

Ultrasound Learning Area – Noon Lectures:

#### **Gastrointestinal Ultrasound - GIUS**

Moderation: OH. Gilja, A. Popescu

13:00 The EFSUMB GIUS Guidelines

*OH. Gilja*

13:20 Basic methodology. How to scan ?

*K. Nylund*

13:40 Ultrasound in IBD

*A. Popescu*

14:10 Ultrasound in acute appendicitis and diverticulitis

*T. Müller*

14:40 Intestinal emergencies

*D. Nürnberg*

## Hands-on Training D

15:00 – 18:00

Ultrasonography for the gastroenterologist

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Tuesday, October 22, 2019

## Hands-on Training E

09:00 – 12:00

Ultrasonography for the gastroenterologist

### PART IV 13:00 – 15:00

Ultrasound Learning Area – Noon Lectures:

#### **Contrast Enhanced Ultrasonud (CEUS)**

Moderation: C. Jenssen, A. Saftoiu

13:00 Impact of CEUS in Gastroenterology – the updated EFSUMB Guidelines

*C. Jenssen*

13:20 CEUS in focal liver lesions

*Z. Sparchez*

13:40 CEUS in pancreatic diseases

*A. Saftoiu*

14:10 Special applications of CEUS

*T. Müller*

14:40 CEUS in Intestinal diseases

*OH. Gilja*

## Hands-on Training F

15:00 – 18:00

Ultrasonography for the gastroenterologist

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Wednesday, October 23, 2019

## Hands-on Training G

09:00 – 14:00 Ultrasonography for the gastroenterologist