

Grundkurs Abdomen und Retroperitoneum (einschl. Nieren), Thorax (ohne Herz)**DEGUM KBV-konform, simulationsunterstützt, ENGLISH SPEAKING****Euregional Abdominal Ultrasound, Aachen/Aken/Aix-la-Chapelle****Termin**

MITTWOCH, 26.08.2026 BIS

SAMSTAG, 29.08.2026

Veranstaltungsort

Uniklinik RWTH Aachen

Pauwelsstraße 30

52074 Aachen

Kurszeiten

Mittwoch, 26. Aug. 2026: 15:00 - 20:45

Donnerstag, 27. Aug. 2026: 15:00 - 20:45

Freitag, 28. Aug. 2026: 15:00 - 20:45

Samstag, 29. Aug. 2026: 09:30 - 15:15

Bei Fragen simcenter@schallware.de,

Telefon 01774911854

Preis

1.290,00 € inkl. MwSt.

CME

40

Anmeldung und Auskunft<https://www.schallware.de/rental/2792?locale=de>

Anmeldung Online, Auskunft: Gernot

Jehle 0049 1774911854

simcenter@schallware.de**Beschreibung****Interdisziplinärer Grundkurs Abdomen und Retroperitoneum (einschl. Nieren), Thorax (ohne Herz) mit SD, ENGLISH SPEAKING****Euregional Basic Abdominal Ultrasound, Aachen/Aken/Aix-la-Chapelle****DEGUM KBV-konform, simulationsunterstützt**<https://www.schallware.de/rental/2759>**DEGUM Kursleitung: Frau Dr. med. Claudia Lucius (DEGUM Stufe 3, Ausbilderin, Poliklinik am Helios Berlin-Buch), FÄ für Innere Medizin/Gastroenterologie****Wissenschaftliche Leitung: Prof. Dr. Dr. med. Alexander Koch, Uniklinik RWTH Aachen****Scientific Directors:**

• Dr. Karim Hamesch, Gastroenterologist/Internist, University Hospital Aachen, Germany

• Dr. Robert de Knecht, Gastroenterologist/Hepatologist, Erasmus MC University Medical Center, Rotterdam, the Netherlands

• Prof. Dr. Jeoffrey Schouten, Gastroenterologist/Hepatologist, VITAZ Hospital, Sint-Niklaas, Belgium

Lecturers and Tutors:

• Dr. Jamal Ali, Gastroenterologist/Internist, University Hospital Cologne

• Dr. Susanne Fleig, Internist/Nephrologist, University Hospital Aachen, Germany

• Prof. Dr. Christian Jenssen, Hospital Märkische Oberland, Strausberg, Germany

• Dr. Claudia Lucius, Gastroenterologist/Internist, Helios Clinic Berlin-Buch, Germany

• Dr. Michael Ludwig, Internist/Pulmonary Medicine, Innere Bundeswehrkrankenhaus Berlin, Germany

• Prof. Alina Popescu, Gastroenterologist, Victor Babes University of Medicine and Pharmacy, Timisoara, Romania

• Dr. Matteo Rosselli, University College London, London, UK

• Prof. Roxana Sirli, Gastroenterologist, Victor Babes

University of Medicine and Pharmacy, Timisoara, Romania

• Dr. Dave Sprengers, Gastroenterologist/Hepatologist, Erasmus MC University Medical Center, Rotterdam, the Netherlands

• Dr. Pavel Taimr, Gastroenterologist/Hepatologist, University Hospital Prague. IKEM Praha. Czech Republic

- Dr. Bart Takkenberg, Gastroenterologist/Hepatologist, Amsterdam UMC, Amsterdam, the Netherlands

Ultrasound devices: 1 US device per 5 participants with one healthy volunteer

Schallware Ultrasound Simulators: Basic course 2 participants per simulator + master simulator on stage, Advanced 1 participant per simulator + master simulator on stage

These simulation-supported ultrasound courses last 4 days.

The courses are conducted with alternating lecturers and tutors on real US devices and simulators.

The aim of the courses is to offer a basic and advanced abdominal course according to EFSUMB/DEGUM guidelines.

Participants will have extensive individual practice time using the simulator and gain access to the pathology database.

The lecturers perform a “master scan” on stage with projection via beamer, while all participants repeat the exercise simultaneously using a dummy probe and mannequin (simulator).

After simulator training, the acquired skills are applied to volunteers and real ultrasound devices.

Contents of the courses:

- Preparation: short online instructional videos, mandatory prior to the course (Methodology and vascular anatomy, approx. 15 min each).

Links are sent in advance during registration.

- Interactive short lectures
- Live demonstrations on the ultrasound devices (incl. knobology, artifacts, Doppler, thorax, bowel, liver)
- Practical exercises on the ultrasound device: guided by tutors and lecturers, 15 teaching units (simulators), 5 participants per regular US device.
- Simulator practice sessions: topic-related, directly after the

- Simulator practice sessions: topic-related, directly after the theoretical introduction in the short lecture, or moderated during the simultaneous master scan.

Lecturers and tutors introduce the respective organs or organ systems with short lectures. Afterwards, participants independently work out normal findings and typical pathological findings using real patient case studies. Participants use the simulators, where case studies (clinical data and virtual models) can be uploaded.

Lectures are supported by examinations on a patient dummy, into which real three-dimensional patient data are virtually projected.

Sonographic case studies on the simulator with real patient data examples:

- Normal findings of all presented organs and organ systems
- Aortic aneurysm
- Aortic sclerosis
- Pancreatic lipomatosis
- Pancreatitis
- Pancreatic carcinoma
- Hydronephrosis
- Nephrolithiasis
- Renal cysts
- Renal tumors
- Fatty liver
- Liver cysts
- Liver tumors
- Liver cirrhosis, portal hypertension
- Bile duct dilatation
- Gallstones (cholecystolithiasis and choledocholithiasis)
- Cholecystitis
- Splenomegaly
- Ascites

Preliminary programs

Language during the courses: English

Each topic: ultrasound simulators.

Live scan with volunteers/patients when indicated.

Basic Course Abdomen and Retroperitoneum (incl. Kidneys),
Thorax (without Heart)

Day 1 – Pancreas and Vessels

- 08:00–08:15 Introduction, learning goals, reference to online videos (Methodology I)
- 08:15–08:45 Introduction simulator, individual learning goals
- 08:45–09:30 Master scan: abdominal vessels
- 09:30–09:45 Break

- 09:45–10:30 Master scan: pancreas with landmarks
- 10:30–11:00 Live demo: examination workflow incl. positioning, knobology, artifacts (Methodology II)
- 11:00–11:15 Break
- 11:15–12:15 Moderated simulator work: simple pathologies (vessels, pancreas)
- 12:15–13:00 Break

• 13:00–14:30 Practical exercises on US device

Day 2 – Liver, Biliary Tract, Kidneys (Normal Findings)

- 08:00–08:15 Short lecture Liver/Bile I: liver hilum and bile duct
- 08:15–08:30 Master scan hilum & bile duct
- 08:30–08:45 Short lecture Liver/Bile II: gallbladder
- 08:45–09:00 Master scan gallbladder
- 09:00–09:15 Break

• 09:15–10:00 Master scan: liver/gallbladder – workflow, anatomy, checklist

• 10:00–12:15 Practical exercises on US device

• 12:15–13:00 Break

• 13:00–13:15 Short lecture kidneys

• 13:15–13:45 Moderated simulator work: simple pathologies I

• 13:45–14:30 Practical exercises on US device

• 14:30–14:45 Thyroid

• 14:45–15:30 Master scan, pathologies on simulator (thyroid) Day 3 – Pathologies: Liver, Bile, Kidneys, Spleen, eFAST

• 08:00–08:30 Open Q&A (from last weekend) on simulator or real device

• 08:30–09:30 Simple liver/bile pathologies on simulator

• 09:30–10:00 Live demo Doppler technique, artifacts (Methodology III)

• 10:00–10:15 Break

• 10:15–10:30 Short lecture spleen, ascites, eFAST with thorax

• 10:30–11:15 Practical exercises on US device

• 11:15–12:15 Simple spleen and kidney pathologies on simulator

• 12:15–13:00 Break

• 13:00–14:30 Practical exercises on US device

Day 4 – Small Pelvis, Lymph Nodes, GI Tract (optional)

• 08:00–08:45 Open start, optional fasting scan with peers

• 08:45–09:00 Short lecture Lymph nodes

• 09:00–09:30 Moderated simulator work: simple lymph node pathologies

• 09:30–09:45 Break

• 09:45–10:00 Short lecture Small pelvis (bladder, genital organs)

• 10:00–11:30 Practical exercises on US device

• 11:30–11:45 Short lecture optional: Introduction to GI tract

• 11:45–12:15 Moderated simulator work: GI tract

• 12:15–13:00 Break

• 13:00–14:30 Practical exercises on US device

• 14:30–14:45 Closure and farewell

Tag1

Zeiten	Thema
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15:00-15:20	Begrüßung
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15:20-16:05	Oberbauchgefäße
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16:05-16:30	Pankreas I
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16:30-16:45	Pause
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16:45-18:00	Live-Schall mit Patient, Praktische Übungen am US-Gerät mit
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18:00-18:45	Pankreas II
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18:45-19:15	Thorax
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19:15-19:45	Pause
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19:45-20:45	PÜ + QnA am Simulator
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Tag 2

Zeiten	Thema
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15:00-16:30	Leber I
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16:30-16:45	Pause
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16:45-17:45	Live-Schall Patient, Praktische Übungen am US-Gerät
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17:45-18:30	Milz
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18:30-19:00	Lymphknoten
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19:00-19:45	Pause
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19:45-20:45	Praktische Übungen am US-Gerät
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Tag 3

Zeiten	Thema
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15:00-16:30	Leber II
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16:30-16:45	Pause
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16:45-18:00	Live Schall Patient, Praktische Übung am US-Gerät
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18:00-18:45	Nieren
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18:45-19:15	Nebennieren
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19:15-19:45	Pause
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19:45-20:45	Praktische Übung am US-Gerät, QnA am Simulator
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Tag 4

Zeiten	Thema
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09:30-10:00	Kleines Becken
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10:00-11:00	Gastrointestinaltrakt
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11:00-11:15	Pause
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11:15-12:30	Live Schall Patient, Praktische Übung am US-Gerät
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12:30-13:15	Biliär I
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13:15-13:45	Biliär II
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13:45-14:15	Pause
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14:15-15:15	Praktische Übungen am US-Gerät + QnA
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