11.40 - 11.55 am	EUS-guided biliary drainages: gadget or benefit? *(Jenssen)*
11.55 - 12.10 pm	How to place a gastric feeding tube without endoscopy *(Schlottmann)*
12.10 - 12.30 pm	The urinary system: Nephrostomy and bladder fistula *(Lorentzen)*
12.30 - 1.00 pm Chair: Schlottmann	**Round table:** Experience and Evidence: best practice in US-guided drainage (best drainage type, lock or not lock, how to fix: Thread-lock, Harzmann-Disc, Suture; best diameter, inside/ outside/ both, suction, flushing, …) *(Faculty)*
1.00 - 1.45 pm	*Lunchtime*
Locally ablative therapies Chairs: Lorentzen, Ybinger	
1.45 - 2.00 pm	Basic principles of ethanol, heat and cold and HIFU… *(Ybinger)*
2.00 - 2.15 pm	Unresectable liver tumours: what can we do and how? *(Lorentzen)*
2.15 - 2.35 pm	Cyst therapy by ethanol or what else? *(Sparchez)*
2.35 - 2.50 pm	Thyroid nodules in patients not eligible for surgery – how about alcohol? *(Müller)*
2.50 - 4.30 pm	HOT 3: Drainage placement, vascular access, locally ablative therapies Simultaneously: Exhibition of US machines, interventional materials, attachments, disinfection methods *(Manufacturers, Companies)*
4.30 - 4.50 pm	*Coffee and tea break*
Pitfalls: Lessons learnt from what went wrong Chairs: Jenssen, Sparchez	
4.50 -5.50 pm	Case presentations and discussion *(Faculty and Participants)*
5.50 - 6.00 pm	Closing words and certificates *(Müller, Jenssen)*
6.00 pm	*End of Euroson School 2021*

International Faculty

Dr. med. Georg Bauer, Strausberg/ Wriezen, Germany
Dr. med. Christian Jenssen, Strausberg/ Wriezen, Germany
Dr. med. Horst Kinkel, Düren, Germany
Torben Lorentzen MD PhD, Copenhagen, Denmark
Dr. rer. medic. Dipl. Biochem. Steve Z. Martin, Berlin, Germany
Dr. med. Thomas Müller, Wiesbaden, Germany
Prof. Dr. med. Dieter Nürnberg, Neuruppin, Germany
Prof. Dr. med. Klaus Schlottmann, Unna, Germany
Prof. Dr. Zeno Sparchez, Cluj Napoca, Romania
Dr. med. Matthias Wüstner, Trier, Germany
Dr. med. Thomas Ybinger, Vienna, Austria

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General Information

Venue
Hotel Aquino and Congress Centre of the
Catholic Academy
Hannoversche Str. 5B
10115 Berlin

www.hotel-aquino.de
www.katholische-akademie-berlin.de

Congress Language
English

Breaks are covered by the organiser.
A social event will be organized.
Accommodation has to be organized by the participants.

Attendance Fee
430€ incl. VAT. Attendance fee includes EFSUMB and DEGUM certificates.

Organisation and Registration
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Certification
CME credits will be awarded by Landesärztekammer Berlin.
The Euroson school is approved as DEGUM-Modul Interventional US I & II by the German Society for Ultrasound in Medicine (DEGUM).

2020-07-10

6th Euroson-School

Interventional Ultrasound

March 1st - March 3rd 2021
Berlin



Ultraschall-Akademie der DEGUM GmbH

Euroson School Interventional Ultrasound Berlin March 1st - 3rd 2021

The Berlin Euroson School on Interventional Ultrasound was founded by Dieter Nürnberg and Klaus Schlotttmann under the patronage of the Berlin-Brandenburg Ultrasound Society in 2010 and has since been well established in the European Interventional US community. The 6th Euroson-School 2021 offers you a well-balanced mixture of lectures and hands on training in almost all fields of sonographically guided interventions. Round table discussions and controversial sessions will help to offer an interesting and vivid learning ambience. European experts invite you to expand your knowledge and improve your skills – experienced sonographers are as welcome as "interventional novices".

Our Euroson school includes seven hours of hands-on training and interactive discussion. Sophisticated phantoms (biopsy, drainage, ablation) and ultrasound machines from handheld devices to high-end machines will be provided.
Program will start at 4 p.m. on Monday, 1st March. Certificates will be handed out on Wednesday, 3rd March, at 6 p.m.

We are looking forward to a lively, instructive and inspiring Euroson School and invite you to join us in Berlin in March 2021.

Dr. Christian Jenssen, Dr. Thomas Müller
Course Supervisors

Monday, 1st March 2021

3.00 pm	*Registration*
4.00 pm	Welcome *(Jenssen, Müller)*
Basics Chairs: Müller, Jenssen	
4.15 - 4.35 pm	Principles of needle guidance: in plane / out of plane freehand / biopsy attachment / puncture probe *(Müller)*
4.35 - 4.55 pm	Needle types: Principles and function Full core (Biopince), Side notch (TruCut), Vacuum (Menghini), other principles Access: Directly vs. coaxial technique *(Wüstner)*
4.55 - 6.55 pm	HOT 1: Material: Needle types, drainages, in plane / out of plane technique *(Faculty)* Simultaneously: Exhibition of US machines, interventional materials, attachments, disinfection methods *(Manufacturers, Companies)*
6.55 pm	*End of first day*

Tuesday, 2nd March 2021

US-guided biopsy: conditions for diagnostic success Chairs: Nürnberg, Lorentzen	
8.30 - 8.50 am	Difficult access: Targeting & needle guidance by CEUS, fusion & needle tracking *(Wüstner)*
8.50 - 9.10 am	CNB or FNA? Histology or cytology? What is needed when? *(Martin)*
Conditions for a safe biopsy/ intervention Chairs: Nürnberg, Lorentzen	
9.10 - 9.30 am	Coagulation status and prevention of bleeding complications *(Jenssen)*
9.30 - 9.50 am	Infection prevention *(Müller)*
9.50 - 10.05 am	Sedation or local anaesthesia or nothing at all? *(Kinkel)*
10.05 - 10.25 am	Tumour seeding: a real risk? *(Lorentzen)*
10.25 - 11.00 am Chair: Ybinger Kinkel, Lorentzen, Jenssen, Nürnberg, Martin	**Round table:** Experience and Evidence: best practice in US-guided biopsy How many needles should be in your cupboard? Most appropriate needle diameter, guidance and targeting, preparation of material (cytology, histology)
11.00 - 11.20 am	*Coffee and tea break*
Biopsies of particular tissues I Chairs: Sparchez, Wüstner	
11.20 - 11.40 am	Lymph nodes: biopsy or extirpation? *(Nürnberg)* Pathologists comment *(Martin)*
11.40 - 12.00 am	Focal Liver Lesions: Which to puncture? *(Kinkel)* Pathologists comment *(Martin)*
12.00 - 12.20 pm	Diffuse Liver disease: Is biopsy still necessary in times of elastography? *(Jenssen)* Pathologists comment *(Martin)*
12.20 - 12.40 pm	Renal cancer: biopsy or primary resection? *(Kinkel)*
12.40 - 1.00 pm Chair: Lorentzen Jenssen, Martin, Nürnberg, Ybinger	**Round table:** Clinicians and pathologist in dialogue Biopsy in an oncological case: plan, perform, interpret
1.00 - 1.45 pm	*Lunchtime*
Biopsies of particular tissues II Chairs: Schlottmann, Ybinger	
1.45 - 2.00 pm	Thyroid: What to puncture and how? *(Müller)*
2.00 - 2.20 pm	Pancreas: if biopsy at all – always better by EUS? *(Jenssen)*
2.20 - 2.40 pm	Spleen: really do it? *(Schlottmann)*
2.40 - 3.00 pm	Lung tumour biopsy: if you can see it… *(Müller)*
3.00 - 5.00 pm	HOT 2: Biopsy Training. In plane, out of plane, with and without attachment *(Faculty)* Simultaneously: Exhibition of US machines, interventional materials, attachments, disinfection methods *(Manufacturers, Companies)* *Coffee, tea*
5.00 pm	*End of second day*
7.00 pm	Social Event at Chamäleon Theatre, Hackesche Höfe, Rosenthaler Straße 40/41: "LE COUP: It's fight night at the circus!"

Wednesday, 3rd March 2021

Drainage placement – Basics Chairs: Schlottmann, Kinkel	
9.00 - 9.20 am	Types of drainages: which to use when and why? Pigtail drainage, Mushroom drainage, Sump drainage *(Schlottmann)*
9.20 - 9.40 am	How to place a drainage: Seldinger's way, Trokar technique *(Kinkel)*
9.40 - 9.55 am	Supportive use of CEUS *(Wüstner)*
Specific Drainages and i.v. lines Chairs: Schlottmann, Kinkel	
9.55 - 10.10 am	Vascular access *(Schlottmann)*
10.10 - 10.40 am	Optimal treatment of abscesses and empyemas The sonologist's view *(Sparchez)* Surgeon's opinion *(Bauer)*
10.40 - 11.00 am	*Coffee and tea break*
11.00 - 11.20 am	Acute cholecystitis: is percutaneous drainage an option? *(Müller)* Surgeon´s comment *(Bauer)*
11.20 - 11.40 am	PTCD: the percutaneous and the rendezvous approach *(Nürnberg)*