



ECIM 2018 – pre-congress Workshop
- Basic Course Abdominal Ultrasound -
30 August 2018, 08:15 – 17:30

Time	Content	Faculty
8:15	Reception / allocation to small-groups of 5 participants / handouts	
8:30	Introduction; Refresher on physical basics: Why appear which structures hypo- versus hyperechogenic? live-demo: sagittal views, systematic identification of anatomy	Hofer
9:00	hands-on ultrasound exercises sagittal views in groups of 5: retroperitoneal predilection sites of lymph nodes (LN), retroperitoneal blood vessels (AO, IVC, CT, SMA..), dynamic steering of transducer and patient's breathing (5 course participants examine each other under supervision)	Faculty Trainer
10:00	Physical Basics: frequent artifacts and pitfalls	Hofer
10:15	drawing exercises in small groups on sagittal-views → memory effect ↑ and 3D-pattern recognition ↑	Trainer
10:30	coffee break	
10:45	Live-Demonstration: anatomical orientation in transverse views, advices and tricks to visualize the pancreas, application of pressure	Hofer
11:00	Hands-on ultrasound exercises transverse views in groups of 5: systematic scanning of all parts of the pancreas identification of aortic origin of celiac trunc and SMA left renal veine crossing, DD lymph nodes ↔ blood vessels	Trainer
12:00	case examples clinical relevance/ common retroperitoneal findings	Hofer
12:15	drawing exercises in small groups on transverse-views: Who is who ? → memory effect ↑ and 3D-pattern recognition ↑	Trainer
Noon break 12:30 – 13:15		
13:15	live-demonstration: anatomical orientation in oblique views of the upper abdomen (hepatic hilum), sagittal right MCL (GB) and spleen	Hofer
13:40	hands-on ultrasound exercises in groups of 5: hepatic hilum (portal veine/hypertension), scanning and measurement of splenic size, lymph nodes-↑, cholecystitis or gall stones?	Trainer
15:00	case examples pathological findings of GB, spleen & portal veine	Hofer
15:15	drawing exercises in small groups: oblique epigastric & splenic views: Who is who ? → memory effect ↑ and 3D-pattern recognition ↑	Trainer
15:30	coffee break	
15:45	live-demonstration systematic scanning of the entire (!) liver star of hepatic veines and DD portal ↔ hepatic veines ↔ bile ducts	Hofer
16:00	hands-on ultrasound exercises liver (part 1) in groups of 5: systematic scanning of the entire liver in 2 perpendicular views, Examination of the hepatic veines in subcostal oblique view	Trainer
17:00	case examples of frequent focal liver lesions, common pathologies	Hofer
17:15	Final feedback and certificates	all
17:30	end of the course	

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