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Basic Cardiac Echo	BCE	●	●	●		Introduction to POCUS, Ultrasound Physics, Instrumentation, Doppler Physics, Basic Cardiac Ultrasound, etc.
Master Cardiac Echo	MCE		●		●	Atypical & Advanced Cardiac Views, Speckle Tracking, 3-D Echocardiography, Contrast Echocardiography, etc.
Basic Emergency Medicine & Trauma	BEMT	●	●			Instrumentation, Ultrasound Guided Vascular Access, Pulmonary Ultrasound, Trauma Ultrasound, Female Pelvic Anatomy & Pathology, etc.
Master Emergency Medicine & Trauma	MEMT		●	●		Doppler Physics, Pulmonary Ultrasound, Left Ventricular Function, Right Ventricular Function, Cardiomyopathies, Aortic Valve Disease, Mitral Valve Disease, Ocular Ultrasound, etc.
Ultrasound-Guided Vascular Access	USGVA	●				Introduction to POCUS, Ultrasound Physics, Instrumentation, etc.
Pediatric Ultrasound	PUS	●		●		Pediatric: Abdominal Emergencies, Cardiac Ultrasound, Trauma Ultrasound, Critical Care, Pulmonary Ultrasound, Vascular Access, Pediatric Soft Tissue & MSK, etc.
Musculoskeletal Ultrasound	MSK	●		●		Upper Extremity Anatomy, Joint Effusions, Fractures, Foreign Body Detection and Removal, Tendon Ruptures and Tendinopathies, Bursitis and Soft Tissue Infections, etc.
Critical Care Ultrasound	CCUS	●	●	●		Coronary Artery Disease, Ocular Ultrasound, Introduction to POCUS, Ultrasound Physics, Instrumentation, etc.
Nerve Block Course	NBC	●			●	Nerve Block Lectures, etc.
Abdominal Ultrasound Course	AUC	●	●			Abdominal Anatomy with introduction to Pathology, Pancreas Ultrasound, Urinary Bladder, Male and Female Pelvis, etc.
Carotid Ultrasound Course	CUC	●				Ultrasound Physics, Instrumentation and Neck Anatomy, Carotid Ultrasound Findings and Pathologies, US vs. CT vs. MRI, Case, etc.

09/13/2017	
from 15.30	Registration
17.00–18.00	WELCOME LECTURE The future of ultrasound, new technical developments
18.00	SOCIAL PROGRAM Get-Together







09/14/2017	LECTURE HALL 1	LECTURE HALL 2	LECTURE HALL 3
08.00–08.30	Introduction to POCUS  Thomas Cook, MD		Gallbladder Ultrasound  Ulrike Handler, MD Christian Aiginger, MD
08.30–09.00	Ultrasound Physics  Patrick Hunt, MD		
09.00–09.30	BREAK	Instrumentation and Neck Anatomy  Wilfried Röthy, MD	BREAK
09.30–10.00	Instrumentation  Laura Nolting, MD	Carotid Ultrasound Findings and Pathology  Wilfried Röthy, MD	Liver Ultrasound – Part 1  Ulrike Handler, MD Christian Aiginger, MD
10.00–10.30	Ultrasound-Guided Vascular Access  Anthony Weekes, MD		Liver Ultrasound – Part 2  Ulrike Handler, MD Christian Aiginger, MD
10.30–11.30	TRAINING LAB	TRAINING LAB	TRAINING LAB
11.30–12.30	Abdominal Anatomy and Pathology  Laura Nolting, MD	US vs CT vs MRI  Wilfried Röthy, MD	Liver and Pancreas  Ulrike Handler, MD Christian Aiginger, MD
12.30–13.15	LUNCH	LUNCH	LUNCH
13.15–14.00	Echo Screening for Structural Heart Diseases  Patric Biaggi, MD		
14.00–14.30	Basic Cardiac Ultrasound  James Hwang, MD	Cases  Wilfried Röthy, MD	Pancreas Ultrasound  Ulrike Handler, MD Christian Aiginger, MD
14.30–16.30	TRAINING LAB	TRAINING LAB	TRAINING LAB
16.30–17.30	State of the Art Sonography  Thomas Binder, MD Patrick Hunt, MD Thomas Cook, MD		

TRAINING LABS AND BREAKS/LUNCHESES WILL TAKE PLACE IN BUILDING B

-  Basic Cardiac Echo
-  Pediatric Ultrasound
-  Nerve Block Course
-  Basic Emergency Medicine & Trauma
-  Musculoskeletal Ultrasound
-  Carotid Ultrasound Course
-  Ultrasound-Guided Vascular Access
-  Critical Care Ultrasound
-  Abdominal Ultrasound Course

09/15/2017	LECTURE HALL 1	LECTURE HALL 2	LECTURE HALL 3
08.00–08.30	Doppler Physics  Thomas Cook, MD	Female Pelvic Anatomy & Pathology (includes Transvaginal Ultrasound)  James Hwang, MD	Kidney Ultrasound  Ulrike Handler, MD Christian Aiginger, MD
08.30–09.00	Pulmonary Ultrasound  Anthony Weekes, MD		
09.00–09.30	BREAK	BREAK	Spleen Ultrasound  Ulrike Handler, MD Christian Aiginger, MD
09.30–10.00	Left Ventricular Function  Thomas Binder, MD	Trauma Ultrasound  Anthony Weekes, MD	BREAK
10.00–10.30	Right Ventricular Function  Matthias Schneider, MD		Urinary Bladder and Male Pelvis  Ulrike Handler, MD Christian Aiginger, MD
10.30–11.30	TRAINING LAB	TRAINING LAB	TRAINING LAB
11.30–12.30	Cardiomyopathies  Thomas Binder, MD	Ultrasound Procedures  Thomas Cook, MD	Female Pelvis and Appendicitis  Ulrike Handler, MD Christian Aiginger, MD
12.30–13.30	LUNCH	LUNCH	LUNCH
13.30–14.00	DVT Ultrasound  James Hwang, MD		
14.00–15.30	TRAINING LAB	TRAINING LAB	TRAINING LAB

TRAINING LABS AND BREAKS/LUNCHES WILL TAKE PLACE IN BUILDING B

 Basic Cardiac Echo
  Master Emergency Medicine & Trauma
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  Critical Care Ultrasound
  Abdominal Ultrasound Course

09/16/2017	LECTURE HALL 1	LECTURE HALL 2	LECTURE HALL 3
08.00–08.30	Diastology ■ ■ ■ Thomas Binder, MD	Upper Extremity Anatomy ■ Rob Ferre, MD	Pediatric Abdominal Emergencies ■ Geoff Hayden, MD
08.30–09.00	Aortic Valve Disease ■ ■ ■ Jutta Bergler-Klein, MD	Lower Extremity Anatomy ■ Rob Ferre, MD	Pediatric Cardiac Ultrasound ■ Anthony Weekes, MD
09.00–09.30		BREAK	BREAK
09.30–10.00	BREAK	Joint Effusions ■ Rob Ferre, MD	Pediatric Trauma Ultrasound ■ Laura Nolting, MD
10.00–10.30	Mitral Valve Disease ■ ■ ■ Thomas Binder, MD	Fracture ■ Rob Ferre, MD	Pediatric Critical Care ■ Geoff Hayden, MD
10.30–11.30	TRAINING LAB	TRAINING LAB	TRAINING LAB
11.30–12.00	Mitral Valve Disease ■ ■ ■ Thomas Binder, MD	Foreign Body Detection and Removal ■ Rob Ferre, MD	Pediatric Pulmonary Ultrasound ■ Geoff Hayden, MD
12.00–12.30	Ocular ultrasound ■ Laura Nolting, MD	Tendon Ruptures and Tendinopathies ■ Rob Ferre, MD	Pediatric Vascular Access ■ James Hwang, MD
12.30–13.30	LUNCH	LUNCH	LUNCH
13.30–14.30	Coronary Artery Disease ■ ■ ■ Jutta Bergler-Klein, MD	Bursitis and Soft Tissue Infections ■ Rob Ferre, MD	Pediatric Soft Tissue & MSK ■ Geoff Hayden, MD
14.30–15.30	TRAINING LAB	TRAINING LAB	TRAINING LAB

TRAINING LABS AND BREAKS/LUNCHES WILL TAKE PLACE IN BUILDING B

- Basic Cardiac Echo
- Master Emergency Medicine & Trauma
- Critical Care Ultrasound
- Musculoskeletal Ultrasound
- Pediatric Ultrasound

09/17/2017	LECTURE HALL 1	LECTURE HALL 2
08.00–08.30	Atypical & Advanced Cardiac Views ■ Anna Maria Pistritto, MD	Principles of Regional Anesthesia ■ Ryan Barnes, DO
08.30–09.00	Speckle Tracking ■ Thomas Binder, MD	
09.00–09.30		
09.30–10.00	BREAK	
10.00–11.00	TRAINING LAB	TRAINING LAB
11.00–11.30	3-D Echocardiography ■ Matthias Schneider, MD Thomas Binder, MD	Regional Anesthesia of the Lower Extremity ■ Ryan Barnes, DO
11.30–12.00		
12.00–13.00	LUNCH	LUNCH
13.00–13.30	Contrast Echocardiography ■ Anna Maria Pistritto, MD Thomas Binder, MD	Regional Anesthesia of the Thorax/Abdomen ■ Ryan Barnes, DO
13.30–14.00	BREAK	
14.00–16.00	TRAINING LAB	TRAINING LAB

SAVE THE DATE

**2nd Ultrasound
Masterclasses**

Live 2018

12–16 September 2018
Palais Eschenbach
1010 Vienna

TRAINING LABS AND BREAKS/LUNCHES WILL TAKE PLACE IN BUILDING B

■ Master Cardiac Echo
■ Nerve Block Course