

Day 1**No pain - all gain: how local anaesthetic techniques change our perioperative management and save you money**

09:00 - 10:00	Local and regional anaesthesia - changing the game on pain management	Introduction into the potential uses of local and regional blocks for your clinic: peri-operative pain management, treatment of chronic pain and cancer pain, part of a multimodal analgesic approach for pain clinic management
10:00 - 10:15	Coffee Break	
10:15 - 11:15	Pharmacology of local anaesthetics	How to choose the ideal drug for your block, advantages and disadvantages of different local anaesthetics, local anaesthetic toxicity and treatment
11:15 - 12:45	What and how? Needles, ultrasound and nerve stimulator - relevant equipment for different local anaesthetic techniques	Introduction into the use of advanced equipment relevant to local anaesthesia: advantages of specialised equipment, how to set up the equipment and why it is worth investing into it
13:00 - 14:00	Lunch Break	
14:00 - 15:00	Selected ultrasound guided local blocks - not only for surgeons: Local blocks tailored to your specific needs	Demonstration of selected blocks for the most common occasions: orthopedic and laparotomic surgery, diagnostic and surgical procedures in internal medicine and dental surgery
15:00 - 16:00	Wetlab: Practicing ultrasound-guided local anaesthetic techniques	During this session you will be able to practice the local blocks most relevant to your daily practice in small groups with the guidance of an instructor on cadavers. It is possible to focus only on a specific area of the body, or practice all demonstrated blocks using anatomic landmarks and ultrasound where indicated.
16:00 - 16:15	Coffee Break	

16:15 - 17:45 Wetlab: Practicing ultrasound-guided local anaesthetic techniques

Day 2

Safe dreams are made of these - how to handle perioperative emergencies

09:00 - 10:30	Approach to the bleeding patient - pharmacological treatment and transfusion medicine Coffee break	This lecture will introduce you to the latest study data and techniques for perioperative and postoperative haemostasis.
10:45 - 11:45	Regurgitation during anaesthesia - prevention, treatment and possible consequences	This lecture will introduce you to the latest study data , risk factors and treatment options for perioperative regurgitation.
11:45 - 12:45	Pulmonary Tromboembolism - recognition and treatment	This lecture will help you to detect and treat pulmonary thromboembolism during anaesthesia and on ICU.
13:00 - 14:00	Lunch Break	
14:00 - 16:00	Adrenalin is not enough - advanced CPR: lecture and group work ~How to improve your outcome during CPR (best of Recover Guidelines) ~Emergency recognition and treatment	This afternoon will introduce you to the latest updates on CPR and the RECOVER Guidelines. Subsequently, your new knowledge will be tested during simulation trainings.
16:00 - 16:30	Coffee Break	
16:30 - 17:45	Case discussions	

Day 3		Taking your anaesthesia to a new level - advanced techniques in anaesthesia
09:00 - 11:00	Ventilation: Ventilators and ventilation strategies	This lecture will introduce you to the different ventilation modes and will teach you how to use them best (patient selection, advantages and risks). You will also hear about the advantages and disadvantages of different ventilators and will be able to discuss specific cases.
11:00 - 11:15	Coffee break	
11:15 - 12:00	Curves and loops - interpreting capnography and spirometry	This lecture will introduce you into the interpretation of capnography and spirometry curves and loops and will show you how to use these traces to detect anaesthetic problems and equipment failure during anaesthesia.
12:00 - 13:00	Arterial catheter placement: Indication, equipment and trace interpretation	This lecture will teach you about the use of arterial catheters - how to place them, how to set up invasive blood pressure measurement equipment and how to interpret the arterial trace.
13:00 - 14:00	Lunch Break	
14:00 - 15:30	From A - B: Arterial blood gas analysis made easy - what to do with the values you see? (theory and group work)	This lecture will introduce you to arterial blood gas interpretation. After the theoretical part you will be able to practice your new skills in small groups with selected cases.
15:30 - 16:15	Central venous catheter placement: Indication, equipment and technique	This lecture will teach you the indications for placing central venous catheters, demonstrate the technique and explain how to setup the relevant equipment.
16:15 - 16:30	Coffee Break	

16:30 - 17:30

Wetlab: Central venous catheter placement / Simulation training curves and loops

This final session allows you to either practice central venous catheter placement on cadavers or practice the interpretation of different ventilatory scenarios during simulation training. You will also be able to attend both parts of the wetlab if you wish.