6. Specific Domains of Perioperative Medicine

6.1 Anaesthesia according to the patient
6.1.1 Anaesthesia in the elderly
6.1.2 Anaesthesia for the patient with renal failure
6.1.3 Anaesthesia for the patient with liver disease
6.1.4 Anaesthesia for the morbidly obese patient
6.1.5 Anaesthesia for the patient with transplanted organ

6.2 Anaesthesia according to the field of surgery and organization
6.2.1 Head and neck surgery
6.2.2 Ophthalmic surgery
6.2.3 Dental and orofacial surgery
6.2.4 Endocrine surgery
6.2.5 Urogenital surgery
6.2.6 Major upper abdominal surgery
6.2.7 Major colorectal surgery
6.2.8 Videoendoscopic and robotic procedures
6.2.9 Organ transplantation
6.2.10 Orthopedic surgery
6.2.11 Sedation and anaesthesia for non-surgical procedures (radiological, endoscopic, electroconvulsive therapy)
6.2.12 Abdominal surgical emergencies in the ICU
6.2.13 Day case surgery

6.3 Difficult airway management

Evening discussion:

6.4 Consultation by anaesthesiologist
6.5 Quality assurance, evaluation and accreditation
6.6 Medico-legal aspects and ethics of anaesthesia and intensive care. Informed consent
6.7 Pharmacoeconomics in anaesthesiology and intensive care

Practical (workshops, hands-on, video or simulations):

6.8 TIVA – drugs, pharmacokinetic concepts, techniques and pumps
6.9 Anaesthetic information to be included into electronic medical record
6.10 Difficult airway management
6.11 Fiberoptic bronchoscopy