

Master in Medicina Perioperatoria dell'Anziano
Academic Year 2021-2022
Educational program and class schedule

Classes are held on Friday and Saturday, , at the following times (CET):

Friday: 10-13; 14-18

Saturday: 8-13

NB. Please note: Schedules may be altered in accordance with extemporary demands

	Time and place	Main subjects	Teaching	Teachers
Teaching Unit 1	January 21-22, 2022	Opening and introduction	Population ageing: demographic and epidemiological aspects Current state of geriatric surgery in Italy and other European and non-European countries Impact of ageing processes on surgery Preoperative evaluation, from traditional approach to Comprehensive Geriatric Assessment: clinical and organizational aspects Associated conditions and multi-morbidity Frailty: diagnosis and implications on the surgical process	Onder Crucitti/Bettelli Crucitti Bettelli/Barbieri Cucinotta Aceto
Teaching Unit 2	February 11-12 2022	Pre-hospital admission and anaesthesia preoperative consultation	Role of surgeons, geriatricians, anaesthetists and nurses in taking charge of the older surgical patient Perioperative drugs management Evaluation of functional reserves Cognitive and emotional evaluation Sensorial evaluation Preoperative tests Team discussion, decision making about surgery and informed consent	Carli/Onder/Porretti Aceto Volpato Onder Volpato Bettelli/Barbieri Crucitti/Bettelli

Teaching Unit 3	March 11-12 2022	Preparation to surgery	Cardiac and respiratory prehabilitaion Diagnosis and treatment of malnutrition Cognitive complications prevention Emotional status and perioperative psychological support Preoperative nursing Management of emergent surgery: trauma, bowel occlusion, vascular emergency, peritonitis	Scapigliati Volpato Bettelli Trabucchi Porretti Sganga
Teaching Unit 4	April 8-9 2022	Intraoperative management	Surgery in the elderly: possibilities, limits and alternatives Entrance in the operating theatre and WHO Safety Checklist Anaesthesia techniques in the older patient Intraoperative fluids balance Specific monitoring for the elderly Endocrine and metabolic reaction to surgery	Carcoforo Bettelli/Casarano Aceto Vergari Perotti Bettelli
Teaching Unit 5	May 13-14 2022	Introduction to specialistic surgeries	Orthopaedic surgery Cardiac and vascular surgery (CABG, aortic aneurism, peripheral vascular conditions) Thoracic surgery Abdominal and cancer surgery Plastic surgery Endocrine surgery Day surgery and office-based procedures	Maccauro Massetti Margaritora Alfieri Scuderi Lombardi Bettelli/Scuderi
Teaching Unit 6	June 17-18 2022	Postoperative management	The elderly in the PACU Postoperative analgesia Measures aimed to prevent complications (1): cardiac and vascular, renal, respiratory, cognitive Measures aimed to prevent complications (2): thromboembolism, sepsis ERAS and fast-track approach Postoperative nursing	Della Sala Pace Bettelli/Crucitti Crucitti/Sganga Crucitti Porretti

Teaching Unit 7	September 16-17 2022	Postoperative complications treatment	Cardiovascular complications Respiratory complications Cognitive complications Thromboembolic complications Renal and urinary complications The elderly in ICU Postoperative geriatric syndromes	Massetti Antonelli Bettelli De Cristofaro Onder Antonelli Volpato
Teaching Unit 8	October 14-15 2022	Hospital discharge and care continuity	Plan for hospital discharge Care continuity and transitional care Learnig review	Volpato Landi Landi Learners of the master, coordinate by Bettelli and Crucitti
Teaching Unit 9	November 11-12 2022	Organizational aspects	Organizational models for geriatric surgery Building and maintaining a multidisciplinary team Hospital design for geriatric surgery Safety, ergonomics, fall prevention and clinical risk management Management of infectious emergencies concurrent with surgery Quality standards and perceived quality in geriatric surgery	Bettelli/Crucitti Bettelli Costantini Costantini Sganga Bettelli
Teaching Unit 10	December 9-10 2022	Team work	Design and implementation of a dedicated clinical path for geriatric surgery Inputs from the Coalition for Quality in Geriatric Surgery Teamwork production of a dedicated project for geriatric surgery Project review and conclusion of the master	Bettelli/Crucitti Docente esterno Bettelli/Crucitti Bettelli/Crucitti