

2nd Level University Master in Perioperative Geriatric Medicine

<http://www.unirms.sm/it/2724.htm>



Presentation:

Demographic changes and the consequent expansion in the number of older patients who need surgical care have induced a growing need of specific education among surgeons and anaesthetists. At the same time geriatricians, whose competences are more and more frequently enrolled in preoperative assessment and preparation to surgery, may be not familiar with the pathophysiology of surgical aggression and principles of perioperative medicine.

This 2nd level Master in Perioperative Geriatric medicine aims to fulfil these educational needs and to build a team-based and patient-focused culture among operators dealing with geriatric surgery.

Program:

Together with fundamentals in geriatrics (aging processes, impact of aging on healthcare systems, comprehensive geriatric assessment, functional status, frailty, risk of falls, multi-morbidity and poly-pharmacy, medication reconciliation principles) the course provides specific competence and skills in perioperative care of the elderly, such as:

- criteria for decision-making about surgery, preoperative assessment, patient information, communication and informed consent (with specific focus on the needs of cognitively impaired patients), preoperative optimization and preparation to surgery
- techniques of anaesthesia and surgery in the elderly, optimal intraoperative management, surgical stress reduction, safety in the operative room
- immediate and intermediate postoperative recovery, delirium prevention, pain treatment
- principles of enhanced recovery after surgery (early mobilization and nutrition, cognitive stimulation, prevention of geriatric syndromes)
- late recovery, planning for discharge, care transition organization, hospital discharge and care continuity

- principles of organization, clinical risk management, process control and cost/benefits analysis applied to geriatric surgery.

Provided professional abilities:

Professionals who will have succeeded in attending the course will develop the following abilities:

- surgical risk assessment, comprehensive geriatric assessment, frailty measurement
- critical evaluation of the patient conditions in referral to the surgical treatment, regardless of both chronological age and ageism-inspired considerations
- indications, feasibility and limits of pre-habilitation techniques
- individuation of the best treatment for a given patient, in accordance with lifespan related to surgery, life expectancy and patient preferences, and in agreement with both literature evidence and ethics principles.

Expected results:

- prevention and reduction of age-related postoperative complications, such as postoperative delirium, post-hospital syndromes and many others; reduced hospital stay, improved outcome and increased patients satisfaction
- reduction of associated costs for both in-hospital and post-discharge care
- consolidation of a multidisciplinary team-based and patient-focused culture, to be shared among the operators who deal with surgical care of the elderly.

Accessibility and costs:

The Master is mostly addressed to surgeons, anaesthesiologists and geriatricians. Medical directors who have responsibilities in the management of surgical facilities for the elderly are also welcomed.

A full Medicine degree is requested to access to the course.

Master fees are 3000 Euros.

A maximum of 12 students will be accepted. A minimum number of 8 students is required.

General structure

The course lasts 20 days, for 10 hours a day, distributed over an Academic Year (10 months) and includes theoretical and practical teaching.

Compulsory course attendance is required.

Educational credits (ECTS) are 60, as in the followings:

- frontal and group teaching
- individual study (36 ECTS)
- training activities (20 ECTS)
- thesis preparation and dissertation (4 ECTS)

Faculty:

- Master Director:
 - Prof. Nicolò Scuderi, University of San Marino (San Marino)
- Master Educational Coordinators:
 - Dr Gabriella Bettelli, University of San Marino (San Marino Republic)
 - Prof. Antonio Crucitti, Università Cattolica del Sacro Cuore, Roma (Italy)

Scientific Committee:

- Prof. Francesco Landi, Università Cattolica del Sacro Cuore - Presidente SIGG
- Prof. Flavia Petrini, Università di Chieti, Presidente SIAARTI
- Prof. Gabriella Bettelli, Università di San Marino
- Prof. Antonio Crucitti, Università Cattolica del Sacro Cuore
- Prof. Stefano Volpato, Università di Ferrara
- Prof. Stefania Maggi, CNR
- Prof. Alessandro Puzziello, Università di Salerno - Presidente SICG
- Prof. Paolo Carcoforo -Ordinario Geriatria Università di Ferrara
- Prof. Graziano Onder, Associato Geriatria Università Cattolica del sacro Cuore

Honorary Scientific Committee:

- Prof. Massimo Antonelli, Direttore Dip. Anestesiologia Università Cattolica del Sacro Cuore
- Prof. Roberto Bernabei, Direttore Dip. Università Cattolica del Sacro Cuore
- Prof. Olle Ljungqvist, ERAS President, University of Orebro
- Prof. Frédéric Aubrun, Université de Lyon
- Prof. Riccardo Audisio, University of Orebro
- Dr. Francesco Vetta, Osp. Israelitico, Roma
- Prof. Sara Albolini, Clinical Risk Manager Regione Toscana

Job opportunities

Those who will complete the one year course will reach competence and skills that are required in the daily clinical practice in geriatric surgery, mostly in the following specialty areas:

- cardiac surgery
- orthopaedics and ortho-geriatrics
- oncologic surgery
- ophthalmology
- outpatient and office-based surgery

Contact:

altaformazione@unirmsm.sm

gabriella.bettelli@vodafone.it

antonio.crucitti@unicatt.it