UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Internal Medicine 3

2425-3-I0101D016-I0101D050M

Aims

INTERNAL MEDICINE - GERIATRICS
Demography and biology of aging. Global assessment of the elderly and prevention of falls. Principles of pharmacology applied to the elderly. Hydrohaline replacement in the elderly. Chronicity: fragility and clinical instability. Brain aging, physiological and pathological. Endocrinology: diabetes, dyshyroidism. Incontinence and pressure ulcers. The network of services for the elderly. Aspects of ethics in the care of the elderly.

DISEASES OF THE LOCOMOTOR SYSTEM
Knowledge and identification of the main congenital diseases and development. General and fracture treatment concepts from first aid to final treatment and knowledge of related complications. Management of transcheletric tractions and plasters or braces. Knowledge of the main pathologies in the elderly such as osteoarthritis, osteoporosis and fractures from fragility.

Contents

The course aims to:
• Describe the clinical picture of the main pathologies and geriatric syndromes related to the elderly person that may affect the body by altering its balance and indicate the therapeutic approach
• Describe the clinical picture of the main pathologies of a congenital and acquired orthopedic nature that may affect the body by altering its balance and indicate the therapeutic approach
• Know how to indicate the physiopathological mechanisms that determine them

Detailed program

INTERNAL MEDICINE - GERIATRICS
Demography and biology of aging. Multidimensional assessment of the elderly (VMD). Chronicity and end of life. Clinical fragility and instability. Delirium and confusion. Orthogeriatrics: integrated "care" model. Brain aging, physiological and pathological: dementia. Falls in the elderly. Sarcopenia. Hypokinetic syndrome. Aspects of ethics in the care of the elderly. The network of services for the elderly.
DISEASES OF THE LOCOMOTOR SYSTEM
Congenital and connatal deformities. Epiphysiolysis. Trauma - Wounds: definitions and generalities. General concepts on fractures in the growing skeleton
Congenital hip dysplasia. Congenital clubfoot. Osteoporosis - Fractures from fragility. Fractures: classification and general concepts. Osteosynthesis: general concepts of surgical treatment of fractures. The traumatized patient: transcheletric traction. General Concepts on Scoliosis. General Concepts on Bandages and Pinstripes. Background on Spine Pathology - Lumbago. Fracture management and healing. Osteoarthritis: definition, clinical, radiographic imaging, therapy. Coxarthrosis and femoral-acetabular conflict. Gonarthrosis. Definition and general concepts of sprains. Ankle and knee sprains: diagnosis and therapy.

Prerequisites

Defined by the teaching regulations

Teaching form

The lessons are held in a paying mode with lectures, in presence. with the use of Teledidactics for remote locations

Textbook and teaching resource

Antonelli Incalzi R, Geriatrics Manual, EDRA Editions

Bosello O., Zamboni M., Manual of Gerontology and Geriatrics, Piccin

Grassi, Pazzaglia, Pilato, Zatti, Orthopaedic and Traumatology Manual ELSEVIER MASSON

Competence Manual in Geriatrics (online resource: https:///www.sigg.it/manuale-di-competenze-in-geriatrica/)

ISTAT, Seniors in Italy, Il Mulino.

Scientific articles about the teacher

Semester

3° Academic Year, 1° semester

Assessment method

INTERNAL MEDICINE
Hybrid test: multiple choice closed-choice test (with direct answer of which only one correct) and two open questions concerning geriatrics and diseases of the locomotor system. To pass the test, the answers to both open questions must be sufficient and the closed-ended questions (3 points for each correct answer) must reach a cut off of 12 points. There are no ongoing tests.

Office hours

By appointment via email with the teachers or with the teaching coordinator

Sustainable Development Goals

GOOD HEALTH AND WELL-BEING | QUALITY EDUCATION | GENDER EQUALITY | REDUCED INEQUALITIES | PEACE, JUSTICE AND STRONG INSTITUTIONS