



MALATTIE DELL'APPARATO LOCOMOTORE, FISIATRIA, CHIRURGIA PLASTICA E MAXILLO FACCIALE - channel 3

6 CFU - 1° Semester

Teaching Staff

VITO PAVONE - Module Orthopaedics and Traumatology - MED/33 - 2 CFU

Email: vpavone@unict.it

Office: P.O. Policlinico "Gaspere Rodolico", U.O. di Ortopedia e Traumatologia - Via Santa Sofia 78, Catania

Phone: 0953782273

Office Hours: Martedì ore 12:00-13:00

MICHELE VECCHIO - Module Physical Medicine and Rehabilitation - MED/34 - 2 CFU

Email: michele.vecchio@unict.it

Office: P.O. Vittorio Emanuele Catania

Phone: 0957435426 - 3333305353

Office Hours: lunedì 15.00 - 16.00

ROSARIO EMANUELE PERROTTA - Module Plastic and Reconstructive Surgery - MED/19 - 1 CFU

Email: r.perrotta@unict.it

Office: A.O. per l'Emergenza "Cannizzaro"

Phone: 0957264513-14

Office Hours: GIOVEDÌ 11:00-13:00 CON APPUNTAMENTO

ALBERTO BIANCHI - Module CHIRURGIA MAXILLO FACCIALE - MED/29 - 1 CFU

Email: alberto.bianchi@unict.it

Office: P.O. V. Emanuele - Chirurgia Maxillo Facciale, Pad. 15A - Via Plebiscito, 628

Phone: 095 7436627 - 5090

Office Hours: Martedì dalle 15:00 alle 17:00

LEARNING OBJECTIVES

▪ Orthopaedics and Traumatology

The aim is to provide the knowledge of the musculoskeletal diseases of orthopedic and traumatology. The course provides knowledge regarding orthopedic and traumatological diseases of childhood, adulthood and elderly. The course provides to take up the future physician regarding the diagnostic approach and the correct choice of treatment, either conservative or surgical, of congenital, pediatric and degenerative orthopaedic disorders, and regarding the management of minor and major trauma, vehicle, accidental and sportive.

▪ Physical Medicine and Rehabilitation

The Physical and Rehabilitative Medicine module aims to identify the main neurological, orthopedic and cardiopulmonary pathologies in order to evaluate their recovery programs. The course also aims to deepen the knowledge on the principles of kinesiology of the spine, hip, knee and shoulder and the main pathologies of these joint districts, to know the various types of muscle injuries and overload pathologies in the sportic (enthesitis, tendinitis).

Should teaching be carried out in mixed mode or remotely, it may be necessary to introduce changes with respect to previous statements, in line with the programme planned and outlined in the syllabus

- **Plastic and Reconstructive Surgery**

Knowledge of basic techniques in Plastic Surgery, treatment of the main tumors, malformation and traumatic diseases and related reconstructive procedures.

COURSE STRUCTURE

- **Orthopaedics and Traumatology**

Frontal lessons. PPT files.

- **Physical Medicine and Rehabilitation**

Weekly frontal lessons with slides and videos.

DETAILED COURSE CONTENT

- **Orthopaedics and Traumatology**

The course is based on the main orthopaedic and traumatologic disorders, highlighting: epidemiology, etiology, pathogenesis, clinical features, imaging investigations, differential diagnosis, prognosis, complications, conservative and surgical treatment.

- **Physical Medicine and Rehabilitation**

Scoliosis, dysmorphisms, paramorphisms and rehabilitation aspects; degenerative and traumatic pathologies affecting the vertebral spine and principles of rehabilitation; pathologies affecting the CNS and principles of rehabilitation; pathologies of the PNS and principles of rehabilitation; instrumental physical therapy; degenerative and traumatic pathologies of the musculoskeletal system and principles of rehabilitation treatment; functional evaluation scales (Barthel scale and FIM scale); use of electromyography in rehabilitation; spasticity and assessment scales (Ashworth and Tardieu), guided self-rehabilitation in spastic paresis; biomechanics of the hip, knee and shoulder; movement disorders (generalized and focal dystonia), bed rest syndrome, rehabilitation / long-term care / RSA.

- **Plastic and Reconstructive Surgery**

Basic Techniques in Plastic Surgery; treatment and diagnosis of skin neoplastic lesions; treatment of traumatic hand injury; malformative syndromes of the cephalic, genital, breast and limb district; breast reconstruction; canalicular pathologies of the upper limb; treatment and physiopathology of the burned patient; knowledge and treatment of chronic skin lesions of the lower limbs and pressure lesions; microsurgery.

TEXTBOOK INFORMATION

- **Orthopaedics and Traumatology**

1. Sessa-Villani. Ortopedia e Traumatologia. Monduzzi Editore.

2. Grassi-Pazzaglia. Manuale di Ortopedia e Traumatologia. Elsevier Editore.

- **Physical Medicine and Rehabilitation**

Kinesiology of the Musculoskeletal System 3e Aut: Donald A. Neumann. PICCIN ed.

Examination of Musculoskeletal Injuries by Shultz S.J et al. PICCIN ed.

La riabilitazione in ortopedia (Italiano) di S. Brent Brotzman

La neurologia della sapienza, Berardelli . Aracne ed.

- **Plastic and Reconstructive Surgery**

Manuale di chirurgia plastica, ricostruttiva ed estetica Scuderi, Rubino ISBN: 9788829926503 Piccin 2014
