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## CLINICA MEDICA CHIRURGICA DEGLI ORGANI DI SENSO. ODONTOSTOMATOLOGIA - channel 3

6 CFU - 2° Semester

### Teaching Staff

**GAETANO ISOLA** - Module Odontostomatology - MED/28 - 2 CFU

**Email:** gaetano.isola@unict.it

**Office:** A.O.U. "Policlinico - Vittorio Emanuele" P.O. V. Emanuele / Clinica Odontoiatrica Pad. 15A - Via Plebiscito, 628 Catania

**Phone:** 095 7435359

**Office Hours:** Lunedì dalle 11:00 alle 13:00 previo appuntamento tramite e-mail

**ANTONIO LONGO** - Module eye diseases - MED/30 - 2 CFU

**Email:** antlongo@unict.it

**Office:** Clinica Oculistica, Policlinico Rodolico, padiglione 3, primo piano

**Phone:** 0953781291

**Office Hours:** lunedì martedì 9-11

**SALVATORE FERLITO** - Module OTORINOLARINGOIATRIA - MED/31 - 2 CFU

**Email:** ferlito@unict.it

**Office:** edificio 3 / via Santa Sofia 78

**Phone:** 0953781104

**Office Hours:** Lunedì- Mercoledì - Venerdì dalle ore 8:30 alle ore 09:30

**IGNAZIO LA MANTIA** - Module OTORINOLARINGOIATRIA

**Email:** igolama@gmail.com

**Office:** Edificio 3 piano 1

**Phone:** 3479719589

**Office Hours:** 8.00-9.00 martedì e giovedì

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### LEARNING OBJECTIVES

#### ▪ Odontostomatology

The teaching is designed to guide and improve the student's approach to the patient with various non-specific diseases at the level of the oral cavity or craniofacial district and that needs a therapy addressed to the symptom, in addition to a diagnosis and therapy aimed at responsible pathology. Specific objectives are: 1) To achieve and obtain the optimal skills in the odontostomatological, medical and surgical management of patients suffering from odontostomatological diseases. 2) Reaching and obtaining the best skills in the diagnosis, prevention and medical and surgical treatment of the mucous and bone diseases of the gold-maxillofacial district.

Specifically, the teaching is designed to provide the master's degree in Medicine and Surgery with

the basic notions of epidemiology, diagnosis, prevention and therapy of dental caries, pulpopathies, apical periodontitis, abscesses and perimascellar and perimandibular phlegmons. The student must acquire the ability to diagnose the most common pain diseases of odontogenic origin and learn the basics of the medical treatment of the same, with the dosage of the most common drugs. The student must also be able to know the notions useful to perform a dental implant and to direct the patient to the next dental treatment and acquire the general notions that lead to the diagnosis of a malocclusion, prescribing the most appropriate radiological examinations.

The acquired skills will lead the student to develop a critical capacity on the topics dealt with using the competences in an active way for diagnostic and therapeutic purposes in the management of the patient suffering from odontostomatological diseases.

- **eye diseases**

The aim of this course is to provide the students with the basic knowledge of eye diseases, in the different physiopathological, clinical and therapeutic aspects.

- **OTORINOLARINGOIATRIA**

- **Audiology**

Basis of anatomy and physiology of the ear.

Instrumental investigations

Knowledge of the major diseases of the ear

Differential diagnosis between

Basis of medical and surgical treatment.

## **COURSE STRUCTURE**

- **Odontostomatology**

Lectures accompanied by slides and movies and supplemented by discussion of the topics treated in order to train students in a critical capacity on the topics and to acquire a knowledge suitable for odontostomatological management in patients affected by specific pathologies of the gold-maxillofacial district. Final exam with oral exam. Mandatory attendance at lessons to take the exam, as per the teaching regulations of the degree course

- **eye diseases**

lectures

attendance is mandatory

*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.*

- **OTORINOLARINGOIATRIA**

- **Audiology**

Frontal lessons.

If the teaching is given in a mixed or remote way, the necessary changes with respect to what was previously stated may be introduced, in order to respect the program envisaged and reported in the syllabus.

Verification of learning can also be carried out electronically, should the conditions require it.

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## **DETAILED COURSE CONTENT**

### **▪ Odontostomatology**

Odontological management of systemic diseases with the knowledge of guidelines, operational protocols and pharmacological aspects of the patient suffering from odontostomatological diseases.

In particular:

- Characteristics and function of the stomatognathic apparatus
- Elements of anatomy of dental elements: structure and function
- Dentition pathology: Syndrome and Third molars impactions
- Abnormalities of the era of dental eruption
- Anomalies of the teeth: of shape, volume, number, structure, position and seat
- Acquired lesions of hard tooth tissues: abrasions, erosions, dislocations and fractures
- Dental caries: epidemiology - etiopathogenesis - macro and microscopic pictures of enamel and dentin caries. Carious cavities: prevention, obturation materials, therapeutic options
- Pulp diseases: classification, etiopathogenesis, symptomatology, diagnosis and therapy
- Periodontal Disease: etiopathogenesis, symptomatology, diagnosis and therapy
- Periodontology: etiopathogenesis, anatomic pathology, symptomatology, diagnosis and therapy
- Odontogenic osteitis of the jaws; abscesses and perioral phlegmon
- Stomatomucositis
- Dental malocclusions and classification of Angle and Temporo-Mandibular Articulation disorders
- Soft tissue tumors of the oral cavity
- Cystic neoformations of the maxillary bones and odontogenic tumors
- Osteonecrosis of the bisphosphonate jaws

### **▪ eye diseases**

A basic knowledge of the anatomy and physiology of the eye.

### **▪ OTORINOLARINGOIATRIA**

#### **▪ Audiology**

- Anatomy and physiology of the external, middle and inner ear, vestibular apparatus.
- Clinical and instrumental procedures for the diagnosis in audiology.
- Ear diseases: Etiology, physiopathology, clinical diagnosis and treatment.
- Urgencies and emergencies in otology

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## TEXTBOOK INFORMATION

### ▪ **Odontostomatology**

- Scully C, Cawson RA: Il trattamento odontoiatrico nei pazienti affetti da malattie sistemiche. Antonio Delfino Editore
- L. Favero, C. Piovesana, P. Bortoluzzi: Dentistry & Medicine. Griffin Editore
- JW. Little: Dental management of the medically compromised patients. Mosby Editore.
- F. Gombos, R. Serpico: Clinica Odontoiatrica e Stomatologica - Testo-atlante a colori di patologia e medicina orale per medici e odontoiatri. Piccin Editore.
- G. Valletta, E. Bucci, S. Matarasso: Malattie Odontostomatologiche. Piccin Editore.
- G. Ficarra: Manuale di patologia e medicina orale 3/ed. Editore: McGraw-Hill Italia.

### ▪ **eye diseases**

1. S. Miglior, T. Avitabile, S. Bonini, E. Campos, L. Mastropasqua: "Malattie dell'apparato visivo" - 2014, EdiSES s.r.l. Napoli.
2. Jack J: KANSKI: "Oftalmologia Clinica" - Elsevier Italia Srl, 2004

### ▪ **OTORINOLARINGOIATRIA**

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