

CdS Medicine and Surgery

6th year (1st semester)
A.Y. 2026-27

COORDINATOR-Coordinatore:

NUCCI CARLO

COD:	Scientific Field SPECIALISTIC DISCIPLINES	TUTOR - Docente	ECTS -CFU
	Modules		
MED/30	Ophthalmology	Nucci Carlo	1
MED/30	Ophthalmology	Coco Giulia	1
MED/28	Dentistry	Condo Roberta	1
MED/31	Otorhinolaryngology	Di Girolamo Stefano	1
MED/31	Otorhinolaryngology	De Donato Giuseppe	1
MED/32	Audiology	Passali Francesco Maria	1
		TOT	6

SPECIFIC AIMS :

EN: The aim of the course in Otorhinolaryngology is to improve the knowledge of the disorders of the head-neck district. The physiopathological mechanisms of the nose-paranasal district, of the middle ear, the common pathological processes associated with swallowing and postural control are treated with particular care.

The aim of the course in Odontostomatological Diseases and Oral Cavity Pathologies is to give future doctors the basis to diagnose and understand pathologies affecting oral and perio-oral tissues, being supported by dentists and maxillo-facial surgeon.

The aim of the course in Audiology is to gain the knowledge of the audio-vestibular apparatus, its physiopathology and hearing and balance testing techniques.

The aim of the Course of Ophthalmology is to acquire theoretical knowledge on the pathogenesis, clinical presentation, and treatment of the main ophthalmological diseases.

OBIETTIVI FORMATIVI:

IT: L'obiettivo del corso di Otorinolaringoiatria è quello di approfondire la conoscenza delle patologie del distretto testa-collo. Particolare attenzione viene dedicata ai meccanismi fisiopatologici del distretto naso-paranasale, dell'orecchio medio e ai processi patologici più comuni associati alla deglutizione e al controllo posturale.

L'obiettivo del corso di Malattie Odontostomatologiche e Patologie del Cavo Orale è quello di fornire ai futuri medici le basi per diagnosticare e comprendere le patologie che interessano i tessuti orali e perio-orali, con il supporto di odontoiatri e chirurghi maxillo-facciali.

L'obiettivo del corso di Audiologia è quello di acquisire conoscenze sull'apparato audio-vestibolare, sulla fisiopatologia e sulle tecniche di valutazione dell'udito e dell'equilibrio.

L'Obiettivo del Corso di Oftalmologia è quello di acquisire competenze teoriche sulla patogenesi, la clinica e il trattamento delle principali patologie oftalmologiche

PROGRAM - PROGRAMMA

EN: Anatomy, physiopathology and semeiotics of the larynx. Tracheotomy indications and technique. Acute and chronic laryngitis. Benign and malignant tumors of the larynx. Recurring paralysis. Tracheo-bronchial and upper digestive tract infections. Acute and chronic sialadenitis. Benign and malignant tumors of salivary glands. Cyst and neck fistulas. Primary and secondary cervical lateral adenopathies. Anatomy, physiology and semeiotics of nose and paranasal sinuses. Nasal septal pathology, trauma of the nose. Acute and chronic Rhinitis. Allergic and vasomotor rhinitis.

Modul/o

OTORHINOLARYNGOLOGY

Nasal polyps.
Epistaxis.
Acute and chronic sinusitis and their complications. Mucocele.
Tumors of the nose and paranasal sinuses.
Nose-facial and cranial algic syndromes. Anatomy of the cranial nerves and nerve complications of rhinopharyngeal tumors.

IT: Anatomia, fisiopatologia e semiotica della laringe.
Indicazioni e tecnica della tracheotomia.
Laringite acuta e cronica.
Tumori benigni e maligni della laringe.
Paralisi ricorrente.
Infezioni tracheobronchiali e del tratto digerente superiore.
Sialoadenite acuta e cronica.
Tumori benigni e maligni delle ghiandole salivari.
Fistole cistiche e del collo.
Adenopatie cervicali laterali primarie e secondarie.
Anatomia, fisiologia e semiotica del naso e dei seni paranasali.
Patologia del setto nasale e traumi del naso.
Rinite acuta e cronica.
Rinite allergica e vasomotoria.
Polipi nasali.
Epistassi.
Sinusite acuta e cronica e relative complicanze. Mucocele.
Tumori del naso e dei seni paranasali.
Sindromi algiche naso-facciali e craniche.
Anatomia dei nervi cranici e complicanze nervose dei tumori rinofaringei.

PROGRAM- PROGRAMMA

EN: Acoustics physics.
Audiovestibular apparatus anatomy-physiology
Vestibular testing
Acumetry
Subjective audiometry
Objective audiometry
External ear pathology
Middle ear pathology
Inner ear pathology

Modul/o AUDIOLOGY

IT: Fisica acustica.
Anatomia e fisiologia dell'apparato audiovestibolare
Esami vestibolari
Acumetria
Audiometria soggettiva
Audiometria oggettiva
Patologia dell'orecchio esterno
Patologia dell'orecchio medio
Patologia dell'orecchio interno

PROGRAM- PROGRAMMA

EN: Anatomy and embryology of the jaw and teeth
Congenital malformations of the jaw and teeth
Physiopathology of dental eruption
Dento-maxillary malocclusions
Dental cavities and pathologies of the pulp

Modul/o DENTISTRY

Gingivostomatitis
Periodontal disease
Periodontitis and odontogenic inflammation of the jaw
Pathology from focal stimuli
Cysts of the jaws
Tumors of odontogenic tissues
Oral pre-cancerous lesions
Neoplasms not odontogenic
Neoplasms of the jaws
Dental fractures
Odontostomatological prevention

IT: Fisiopatologia dell'eruzione dentale
Malocclusioni dento-mascellari
Anatomia ed embriologia della mandibola e dei denti

Malformazioni congenite della mandibola e dei denti
Carie dentali e patologie della polpa
Gengivostomatite
Malattia parodontale
Parodontite e infiammazione odontogena della mandibola
Patologia da stimoli focali
Cisti delle mandibole
Tumori dei tessuti odontogeni
Lesioni precancerose del cavo orale
Neoplasie non odontogene
Neoplasie delle mandibole
Fratture dentali
Prevenzione odontostomatologica

PROGRAM- PROGRAMMA

EN: Anatomy of the eye
Physiology of the eye and vision.
Concepts of optic physics.
Refractive defects (myopia, hypermetropia and astigmatism) and their correction (lens, contact lens and refractive surgery).
Corneal diseases: keratitis, corneal ectasias.
Conjunctival diseases
-Lens diseases: ectopia lentis, cataract.
-Glaucoma
-Uveitis
-Retinal vascular disease
-Acquired macular disorders
-Hereditary retinal dystrophies
-Retinal detachment
-Neuro-ophthalmology (optic neuropathies, pupillary abnormalities, nystagmus)
-Strabismus

Modul/o OPHTALMOLOGY

- Diseases of the eyelids
- Diseases of the lacrimal drainage system
- Dry eye
- Ocular tumor

IT: Anatomia dell'occhio

Fisiologia dell'occhio e della vista.

Concetti di fisica ottica.

Difetti di rifrazione (miopia, ipermetropia e astigmatismo) e loro correzione (lenti, lenti a contatto e chirurgia refrattiva).

Malattie della cornea: cheratite, ectasie corneali.

Malattie della congiuntiva

-Malattie del cristallino: ectopia lentis, cataratta.

-Glaucoma

-Uveite

-Malattie vascolari retiniche

-Malattie maculari acquisite

-Distrofie retiniche ereditarie

-Distacco di retina

-Neuro-oftalmologia (neuropatie ottiche, anomalie pupillari, nistagmo)

-Strabismo

-Malattie delle palpebre

-Malattie del sistema di drenaggio lacrimale

-Occhio secco

-Tumore oculare

TEXTBOOKS

Kansky's Clinical Ophthalmology, A Systematic Approach, 8th edition. Brad Bowling Ed. Elsevier 2016 Shafer'S

Textbook Of Oral Pathology (8th Edition)[R. Rajendran](#)

Oral Pathology (7th Edition) Clinical Pathologic Correlations Authors: Regezi Sciubba Jordan

TESTI DI RIFERIMENTO

Oftalmologia clinica di Kansky, un approccio sistematico, 8a edizione. A cura di Brad Bowling. Elsevier 2016. Manuale di patologia orale di Shafer (8a edizione). R. Rajendran. Patologia orale (7a edizione). Correlazioni clinico-patologiche. Autori: Regezi Sciubba Jordan.

TEACHING METHODS

classroom lectures

METODI DIDATTICI

Lezioni frontali

EXAM METHODS

ORAL EXAM

ESAME ORALE

MODALITA' DI VALUTAZIONE

EXAM COMMISSION

The Coordinator, full Professors of the disciplines, Professors of similar disciplines, Specialists of the subject, compose the exam Commission of the Integrated Course.

La commissione d'esame del corso integrato è composta dal coordinatore, da professori ordinari delle discipline, da professori di discipline affini e da specialisti della materia.

NUCCI CARLO
CONDO' ROBERTA
COCO GIULIA
DI GIROLAMO STEFANO
DE DONATO GIUSEPPE
PASSALI FRANCESCO MARIA
MARTUCCI ALESSIO
AIELLO FRANCESCO

CONTACTS-CONTATTI

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PREREQUISITES-PREREQUISITI

Previous knowledge and competence in the following subjects: Anatomy, Physiology, Pharmacology, General Pathology, General Surgery, Internal Medicine

Conoscenze e competenze pregresse nelle seguenti materie: Anatomia, Fisiologia, Farmacologia, Patologia generale, Chirurgia generale, Medicina interna.

The specific learning outcomes of the program are coherent with the general provisions of the Bologna Process and the specific provisions of EC Directive 2005/36/EC. They lie within the European Qualifications Framework (Dublin Descriptors) as follows:

1. Knowledge and Understanding

- Assess the physiologic principles which govern the function of the lymphoematopoietic and immune systems and the alterations induced by functional and structural abnormalities.
- Highlight the main aspects of hematologic, rheumatologic, allergic and infectious disorders focusing on the etiopathogenesis, diagnosis and therapy.
- Recognize the risk factors, populations at risk, relieving or exacerbating factors for any specific clinical case.
- Demonstrate knowledge about established and evolving medicine that is critical to the practice of the clinical and surgical interventions.
- Determine the major indications or contraindications for both medical and surgical therapeutic strategies.

- Identify the incidence and epidemiology of infectious diseases in order to understand their impact worldwide as well as in most affected countries.
- Recognize the importance of preventive medicine and emphasize the role of early intervention.
- Analyze a clinical case and provide an exhaustive explanation of the possible diagnostic hypothesis and appropriate therapeutic approaches.

2. **Applying Knowledge and Understanding**

- Apply the theoretical knowledge to the clinical setting, being able to recognize the general diagnostic aspects of the diseases.
- Evaluate the patient, emphasizing the findings obtained from the history, physical examination, and instrumental tests. If the mechanisms underlying these findings can be identified, the correct etiologic, anatomic, and physiologic diagnoses can usually be deduced.
- Predict a differential diagnosis based on given clinical data and provide suitable explanations of the underlying reasonings.
- Learn to interpret appropriate epidemiologic, laboratory and diagnostic studies.
- Learn the practical aspects of the investigation tests and how to perform them.

3. **Making Judgements**

- Recognize the importance of an in-depth knowledge of the topics consistent with a proper medical education.
- Identify the benefits and adverse effects of any diagnostic and therapeutic interventions.

4. **Communication Skills**

- Present the topics orally in an organized and consistent manner.
- Use of proper scientific language coherent with the topic of discussion.

5. **Learning Skills**

- Identify the possible use of the acknowledged skills in the future career.
- Assess the importance of the acquired knowledge in the overall medical education process.