



UNIVERSITÀ DEGLI STUDI DI PALERMO

DEPARTMENT	Medicina di Precisione in area Medica, Chirurgica e Critica		
ACADEMIC YEAR	2022/2023		
BACHELOR'S DEGREE (BSC)	DENTAL HYGIENE		
INTEGRATED COURSE	INTERNAL MEDICINE, ONCOLOGY AND SPECIAL CARE FOR DENTAL HYGIENISTS - INTEGRATED COURSE		
CODE	18963		
MODULES	Yes		
NUMBER OF MODULES	3		
SCIENTIFIC SECTOR(S)	MED/09, MED/06, MED/28		
HEAD PROFESSOR(S)	MESSINA PIETRO	Professore Ordinario	Univ. di PALERMO
OTHER PROFESSOR(S)	CICERO GIUSEPPE	Professore Associato	Univ. di PALERMO
	MESSINA PIETRO	Professore Ordinario	Univ. di PALERMO
	BARBAGALLO CARLO	Professore Associato	Univ. di PALERMO
	MARIA		
CREDITS	9		
PROPAEDEUTICAL SUBJECTS			
MUTUALIZATION			
YEAR	2		
TERM (SEMESTER)	2° semester		
ATTENDANCE	Mandatory		
EVALUATION	Out of 30		
TEACHER OFFICE HOURS	BARBAGALLO CARLO MARIA Tuesday 13:00 14:00 DIBIMIS CICERO GIUSEPPE Thursday 10:00 12:00 Stanza docente presso reparto di oncologia medica piano terra MESSINA PIETRO Tuesday 09:00 11:00 1° piano Plesso di Odontostomatologia		

PREREQUISITES	To know the main systemic diseases of internist interest that can occur and sometimes diagnose by odontostomatological examination. To know the physiology of oral teeth and mucous membranes in adults and the elderly. Knowledge of anatomy and physiology of oral teeth and mucous membranes. Knowledge of the most frequent diseases of the teeth and mucous membranes of the oral cavity, in the adult patient and in the elderly patient. Knowledge of diseases that cause changes in the teeth and mucous membranes of the oral cavity.
LEARNING OUTCOMES	At the end of the course, the student will have to know the systemic and dysmetabolic pathologies as well as the neoplastic pathologies that can cause alteration of the teeth and mucous membranes of the oral cavity. He will have to be able to make diagnosis, and set up specific treatment plans also in team with the dentist. The student will have to be able to evaluate the patient's clinical condition and the congruence of the periodontium treatments. Also in this case, it will have to autonomously carry out the whole diagnostic procedure useful for formulate the corresponding therapy plan. The student will also have to demonstrate communicative ability with the patient interacting with it and any high family members with the aim of making them understand the type of treatment and prevention strategies necessary. The Student will have to demonstrate ability to learning the concepts taught throughout the course showing skills of connection between them.
ASSESSMENT METHODS	<p>Oral testing. The test aims to evaluate that the student possesses knowledge and understanding of the subjects of the integrated course program, autonomy of judgment, ability to apply the acquired knowledge, specific disciplinary language.</p> <p>Minimum number of questions: the student will have to answer a minimum of three questions, which will cover all the topics of the integrated course program, with reference to the suggested texts.</p> <p>ORAL ASSESSMENT AND ITS CRITERIA</p> <p>Testing is in thirty, as shown below.</p> <p>- Rating: 30 - 30 and L - Rating: Excellent - ECTS grades: Excellent (A - A +)</p> <p>Outcome: Excellent knowledge of the content of teaching. The student It demonstrates high analytical-synthetic capacity and is able to apply the Knowledge to solve complex problems.</p> <p>- Rating: 27 - 29 - Rating: Excellent - ECTS grades: Very good (B)</p> <p>Outcomes: Excellent knowledge of teaching content and excellent property language. The student demonstrates analytical-synthetic ability and ability to Applying knowledge to solve problems of complexity and, in some cases Cases, even high.</p> <p>- Rating: 24 - 26 - Rating: Good - ECTS grades: Good (C)</p> <p>Outcome: Good knowledge of teaching content and good knowledge of language. The student is able to apply the knowledge to solve Complex media problems.</p> <p>- Rating: 21 - 23 - Rating: Discreet - ECTS grades: Satisfactory (D)</p> <p>Outcome: Discreet knowledge of the content of teaching, in some cases Limited to the main topics. Acceptable ability to use language Specific discipline and apply the knowledge autonomously acquired.</p> <p>- Rating: 18 - 20 - Rating: Sufficient - ECTS grades: Sufficient E</p> <p>Outcome: Minimum knowledge of the content of teaching, often limited to Main topics. Modesta has the ability to use the specific language of the Discipline and apply the acquired knowledge independently.</p> <p>- Rating: 1 - 17 - Rating: Insufficient - ECTS grades: Fail (F).</p> <p>Outcome: Does not have an acceptable knowledge of the main content teaching. Poor or no ability to use the language</p> <p>Examination not passed.</p>
TEACHING METHODS	Lectures and / or seminars

MODULE
INTERNAL MEDICINE WITH ELEMENTS OF PHARMACOLOGY

Prof. CARLO MARIA BARBAGALLO

SUGGESTED BIBLIOGRAPHY

MANUALE DI MEDICINA INTERNA SISTEMATICA, CLAUDIO RUGARLI. SETTIMA EDIZIONE
Materiale didattico fornito dal docente

AMBIT	10339-Primo soccorso
INDIVIDUAL STUDY (Hrs)	45
COURSE ACTIVITY (Hrs)	30

EDUCATIONAL OBJECTIVES OF THE MODULE

Acquire knowledge regarding the internal medicine, to understand main internal diseases which sometimes could be diagnosed through dentistry visit. Capture elements of therapy within specific systemic diseases. Teaching the approach to patients with comorbidity and polypathology, including the elder patient.

SYLLABUS

Hrs	Frontal teaching
2	The Internal medicine and The Clinical Method
2	Arterial hypertension : epidemiology , pathophysiology , clinical complications and treatment
2	Cardiovascular prevention: risk factors and dyslipidemias
2	The myocardial infarction; the acute pulmonary edema
2	Congestive Heart Failure
2	Pulmonary Embolism; Faintness, syncope, cardiogenic shock
2	Infections : Bacterial endocarditis, pericarditis, myocarditis
2	Nosocomial and community-acquired pneumonia
2	Fever, Sepsis and shock
2	Chronic viral hepatitis, cirrhosis and its complications
2	Arrhythmias
2	Malabsorption and diarrhea, celiac disease and intestinal bowel disease
2	Acute and chronic respiratory failure: COPD and bronchial asthma
2	type 1 and 2 diabetes: etiopathogenesis, physiopathology and clinical approach
2	Type 1 and 2 diabetes: therapeutic management, acute and chronic complications

MODULE
ONCOLOGY

Prof. GIUSEPPE CICERO

SUGGESTED BIBLIOGRAPHY

F. Ciardiello [et al.] "Oncologia medica" Ed. Idelson – Gnocchi 2013
A. R. Bianco "Manuale di Oncologia Clinica" 4° Ed. Mc Graw & Hill
G. Bonadonna ed al. "Medicina Oncologica" 8° Ed. Elsevier Masson
M. Lopez Oncologia Medica Pratica 2° Ed. SEU – linee guida AIOM

AMBIT	10351-Scienze interdisciplinari cliniche
INDIVIDUAL STUDY (Hrs)	45
COURSE ACTIVITY (Hrs)	30

EDUCATIONAL OBJECTIVES OF THE MODULE

Provide students with the necessary knowledge regarding biological mechanisms, epidemiology, risk factors and prognostics relating to the main solid neoplasms, paying particular attention to the head and neck area. Knowing the mechanisms of action of antiproliferative drugs and those with molecular targets, their indications and their efficacy and, finally, the evaluation of the therapeutic response with particular reference to the biological mechanisms concerning the new immunological therapies.

SYLLABUS

Hrs	Frontal teaching
6	Principles of epidemiology and screening of the most frequent tumors, natural history of tumors
6	Therapeutic planning and multidisciplinary approach (tumor staging, evaluation of therapeutic response)
6	Principles of therapy with molecular target drugs (phenomenon of oncogene addiction, evaluation of the therapeutic response)
6	Biomarkers in medical oncology (risk, diagnostic, prognostic, predictive and surrogate)
6	Head and neck neoplasms: classification and principles of therapy

MODULE
SPECIAL CARE FOR DENTAL HYGIENISTS

Prof. PIETRO MESSINA

SUGGESTED BIBLIOGRAPHY

Verrà fornita durante lo svolgimento delle lezioni adeguato materiale bibliografico.

AMBIT	10346-Scienze dell'igiene dentale
INDIVIDUAL STUDY (Hrs)	45
COURSE ACTIVITY (Hrs)	30

EDUCATIONAL OBJECTIVES OF THE MODULE

Diagnosis of dental diseases in the course of dysmetabolic systemic diseases. Diagnosis of dental diseases in patients undergoing radiation therapy of the head and neck. Diagnosis and principles of therapy of teeth patients with mental and motor deficits. Diseases of oral mucosa in systemic diseases and in patients undergoing radiation therapy of the head and neck.

SYLLABUS

Hrs	Frontal teaching
2	Dental anatomy, anatomy of the mucosa of the oral cavity, anatomy of the major and minor salivary glands. Instrumental diagnostics of diseases of hard tissues and oral mucosa.
5	Diseases of oral mucosa and dental teeth in patients with metabolic diseases.
5	Systemic disorders that have clinical manifestations in the oral cavity.
4	Xerostomia and hard tissue diseases of the tooth. Control of xerostomia.
6	Stomatomucosites and stomatitis in the course of radiotherapy of head and neck tumors.
4	Motor deficits and diseases of the teeth and diseases of the oral mucosa.
4	Mental deficits and diseases of oral teeth and mucous membranes.