



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	ORAL PATHOLOGY- INTEGRATED COURSE		
CODE	18958		
MODULES	Yes		
NUMBER OF MODULES	2		
SCIENTIFIC SECTOR(S)	MED/28, MED/50		
HEAD PROFESSOR(S)	CAMPISI GIUSEPPINA	Professore Ordinario	Univ. di PALERMO
OTHER PROFESSOR(S)	DI FEDE OLGA	Professore Associato	Univ. di PALERMO
	CAMPISI GIUSEPPINA	Professore Ordinario	Univ. di PALERMO
CREDITS	9		
PROPAEDEUTICAL SUBJECTS	05209 - MICROBIOLOGY AND GENERAL PATHOLOGY - INTEGRATED COURSE 19981 - ANATOMY WITH ELEMENTS OF HISTOLOGY		
MUTUALIZATION			
YEAR	2		
TERM (SEMESTER)	1° semester		
ATTENDANCE	Mandatory		
EVALUATION	Out of 30		
TEACHER OFFICE HOURS	CAMPISI GIUSEPPINA Tuesday 16:30 18:30 DI FEDE OLGA Tuesday 8:30 17:30 piattaforma Teams. Friday 8:30 12:30 piattaforma Teams.		

DOCENTE: Prof.ssa GIUSEPPINA CAMPISI

PREREQUISITES	Knowledge of the macro- and micro- features of the stomatognathic system and its main functions (phonation, chewing, swallowing). Knowledge of the oral microbiome and of the pathogenic mechanisms linked with infectious/inflammatory, immunological and oncological conditions.
LEARNING OUTCOMES	Knowledge of: - clinical and histo-morphological features regarding the physiological and pathological aspects of the hard and soft tissues of the oral cavity; - oral mucosa and salivary detection systems (invasive and non-invasive), diagnostic methods (both organoleptic and instrumental) for the diagnosis of halitosis, diagnostic techniques applied for hard and soft tissues of the oral cavity (pathology, microbiology, imaging), additional non-invasive techniques; - adverse drug reactions in the oral cavity, both of hard and soft tissues and of the skin. Ability to perform a proper diagnostic approach to oral lesions: ability to evaluate them on the basis of chroma, morphology and pathogenesis through a correct hypothetical-deductive approach. Ability of a comprehensive survey of medical history and risk profiles potentially associated with the most common oral diseases (especially oncological). Ability to recognize the most common intra-oral manifestations of systemic diseases. Communication skills Knowing how to write a referral letter and be able to prescribe instrumental and laboratory investigations in order to make a correct diagnosis or follow-up of oral diseases. Ability to expose the problems related to the oral pathology (and its taxonomy) and make it understandable even to people not in the sector. To be able to perform a efficient counseling actions and to know the main guidelines of the first medical consultation. Ability to search and study the international literature related to the sector.
ASSESSMENT METHODS	Assessment criteria are available on the School of Medicine and Surgery website at: http://www.unipa.it/scuole/dimedicinaechirurgia
TEACHING METHODS	lectures, discussion on case reports from the scientific literature, single-topic seminars, question time.

MODULE ORAL PATHOLOGY

Prof.ssa GIUSEPPINA CAMPISI

SUGGESTED BIBLIOGRAPHY

Regezi Ja et al. - Patologia Orale Correlazioni clinico patologiche - Delfino Editore; 7a edizione
 Arduino PG et al. - Testo atlante di Patologia gengivale non placca correlata - Edizioni Martina; 2a edizione Odel et al.
 Cawson's Essentials of Oral pathology and Oral medicine – 8th Edition, Churchill Livingstone Neville et al. – Oral & Maxillofacial Pathology – 4th edition, W.B. Saunders
 Ficarra G. - Manuale di patologia e medicina orale - McGraw-Hill Education; 3a edizione
 Gandolfo, C Scully, Carrozzo - Patologia e medicina del cavo orale - ed UTET
 Articoli scientifici e risorse di rete forniti dal docente al termine delle singole lezioni

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

EDUCATIONAL OBJECTIVES OF THE MODULE

Objective of the module is to provide the fundamentals about the physiological features of the oral mucosa and the main disorders of hard and soft tissues, including salivary glands.
 Furthermore, the student will acquire the ability to associate any oral manifestations to main systemic diseases and to perform a correct diagnosis and prevention of oral pathologies.

SYLLABUS

Hrs	Frontal teaching
6	6 Topography of the oral cavity. Features of the normal oral mucosa. Elementary lesions (chromatic, morphological and etiological classification). Diagnostic algorithms: clinical diagnosis methods
4	White and red lesions. Pigmented lesions. Exophytic and endophytic lesions.
3	Immunological mucocutaneous disorders. Oro-facial Granulomatosis.
4	Potentially malignant disorders of the oral cavity. Oral cancer: epidemiology, etiology and clinical manifestations.
3	Oral manifestations of systemic diseases. Cheilitis. Drug adverse reactions.
4	Pathologies of the salivary glands.
3	Drug related Osteonecrosis of the jaws.
3	Craniofacial pain and oral dysesthesia. Burning Mouth Syndrome. Halitosis.

MODULE
DENTAL HYGIENE APPLIED TO ORAL PATHOLOGY

Prof.ssa OLGA DI FEDE

SUGGESTED BIBLIOGRAPHY

Articoli scientifici e risorse di rete forniti dal docente al termine delle singole lezioni

AMBIT	10346-Scienze dell' igiene dentale
INDIVIDUAL STUDY (Hrs)	90
COURSE ACTIVITY (Hrs)	60

EDUCATIONAL OBJECTIVES OF THE MODULE

The objective of the module is to provide the student with the basic notions about instrumental and non-useful technologies for the diagnosis and monitoring of oral diseases. Furthermore, the student will acquire the ability to evaluate in terms of appropriateness the instrumental and non-instrumental investigations for the management of oral cavity pathologies.

SYLLABUS

Hrs	Frontal teaching
4	Functions and characteristics of diagnostic tests in Oral Medicine. Specificity and sensitivity
14	Invasive and non-invasive methods: - Samples for microbiological cultures - Cytological examination - Biopsy examination - Salivary tests - Laboratory haematological and biochemical tests
25	Additional methods: • Brush Biopsy • Staining with Toluidine Blue • Lugol's solution • Chemiluminescence (Vizilite®) • Direct tissue fluorescence (Sapphire ®) • LLLT • Optical Coherence Tomography (OPT) • Ozone therapy
4	Instrumental investigations for bad breath: • Halimeter • Oral Chroma
8	Photographic documentation of the oral cavity
5	Interpretation and reading of reports - Referral letter