



# UNIVERSITÀ DEGLI STUDI DI PALERMO

<b>DEPARTMENT</b>	Medicina di Precisione in area Medica, Chirurgica e Critica		
<b>ACADEMIC YEAR</b>	2016/2017		
<b>MASTER'S DEGREE (MSC)</b>	DENTISTRY		
<b>INTEGRATED COURSE</b>	ORAL DISEASES AND MEDICAL TECHNOLOGIES - INTEGRATED COURSE		
<b>CODE</b>	17626		
<b>MODULES</b>	Yes		
<b>NUMBER OF MODULES</b>	2		
<b>SCIENTIFIC SECTOR(S)</b>	MED/50, MED/28		
<b>HEAD PROFESSOR(S)</b>	CAMPISI GIUSEPPINA	Professore Ordinario	Univ. di PALERMO
<b>OTHER PROFESSOR(S)</b>	CAMPISI GIUSEPPINA	Professore Ordinario	Univ. di PALERMO
<b>CREDITS</b>	8		
<b>PROPAEDEUTICAL SUBJECTS</b>	05209 - MICROBIOLOGY AND GENERAL PATHOLOGY - INTEGRATED COURSE 13579 - GENERAL AND APPLIED HISTOLOGY - INTEGRATED COURSE 13577 - HUMAN AND APPLIED ANATOMY . INTEGRATED COURSE		
<b>MUTUALIZATION</b>			
<b>YEAR</b>	3		
<b>TERM (SEMESTER)</b>	2° semester		
<b>ATTENDANCE</b>	Mandatory		
<b>EVALUATION</b>	Out of 30		
<b>TEACHER OFFICE HOURS</b>	<b>CAMPISI GIUSEPPINA</b> Tuesday 16:30 18:30		

**DOCENTE:** Prof.ssa GIUSEPPINA CAMPISI

<b>PREREQUISITES</b>	Knowledge of the macro and micro characteristics of the stomatognathic system and its main functions (phonation, chewing, swallowing). Knowledge of the oral ecology and of the infectious/inflammatory, immunological and oncological pathogenic mechanisms.
<b>LEARNING OUTCOMES</b>	Knowledge and understanding regarding to: - physiological and pathological aspects (clinical and histo-morphological) of the hard and soft tissues of the oral cavity; - oral mucosa and saliva detection systems (invasive and non), organoleptic and instrumental methods of halitosis diagnosis, diagnostic techniques applied to hard and soft tissues of the oral cavity (pathology, microbiology, imaging), additional non-invasive techniques; - oral and peri-oral drug adverse reactions. Applying knowledge and understanding Ability to perform a proper diagnostic approach to oral lesions: ability to discriminate 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. Making judgments Being able to evaluate the appropriate diagnostic and management approaches to oral diseases also in relation to systemic conditions. Knowing how to write a referral letter and be able to prescribe instrumental and laboratory investigations in order to make a correct oral pathologies diagnosis or follow-up. To understand the results of laboratory tests and of other instrumental exams in relation to oral diseases. Communication skills Ability to expose the problems of oral pathology (and its taxonomy) also to non Oral Medicine specialists. To be able to perform counseling and to know the guidelines of the first medical consultation. Ability to process clinical cases seen during the clinical traineeship or to discuss case reports from the scientific literature. Learning skills Ability to upgrade by specific scientific publications.
<b>ASSESSMENT METHODS</b>	Assessment criteria are available on the School of Medicine and Surgery website at: <a href="http://www.unipa.it/scuole/dimedicinaechirurgia">http://www.unipa.it/scuole/dimedicinaechirurgia</a>
<b>TEACHING METHODS</b>	Lectures, discussion on case reports from the scientific literature, single-topic seminars, question time.

**MODULE**  
**APPLIED MEDICAL TECHNOLOGIES**

*Prof.ssa GIUSEPPINA CAMPISI*

**SUGGESTED BIBLIOGRAPHY**

Gandolfo S et al. Patologia e medicina del cavo orale. UTET  
Articoli scientifici e risorse di rete forniti dal docente al termine delle singole lezioni

<b>AMBIT</b>	50444-Formazione interdisciplinare
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<b>INDIVIDUAL STUDY (Hrs)</b>	30
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<b>COURSE ACTIVITY (Hrs)</b>	20
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**EDUCATIONAL OBJECTIVES OF THE MODULE**

Aim of the module is to provide students with the basic notions regarding the technologies (instrumental and not) that are useful for diagnosis for follow up of diseases in the oral cavity. In addition the student will acquire the ability to assess in terms of the appropriateness or instrumental and/or not techniques for the management of oral diseases

**SYLLABUS**

Hrs	Frontal teaching
2	Diagnostic tests in Oral Medicine Specificity and sensitivity
5	Invasive and non-invasive methods <ul style="list-style-type: none"> <li>• Samples for microbiological cultures</li> <li>• Cytological examination</li> <li>• Biopsy</li> <li>• Saliva test</li> <li>• Serological tests</li> </ul>
5	Additional methods <ul style="list-style-type: none"> <li>• Brush Biopsy</li> <li>• Toluidine Blue</li> <li>• Lugol Solution</li> <li>• Chemiluminescence (Vizilite®)</li> <li>• Direct tissue fluorescence (Sapphire ®)</li> <li>• LLLT</li> <li>• Optical Coherence Tomography (OCT)</li> </ul>
2	Instrumental tests for halitosis <ul style="list-style-type: none"> <li>• Halimeter</li> <li>• Oral Chroma</li> </ul>
2	Interpretation and reading of reports - Referral letter

**MODULE**  
**SPECIALIST ODONTOSTOMATOLOGICAL PATHOLOGY**

*Prof.ssa GIUSEPPINA CAMPISI*

**SUGGESTED BIBLIOGRAPHY**

Cawson's et al. Patologia orale – I edizione, Antonio Delfino editore  
 Odel et al. Cawson's Essentials of Oral pathology and Oral medicine – 8th Edition, Churchill Livingstone  
 Neville et al. – Oral & Maxillofacial Pathology – 3rd edition, W.B. Saunders  
 Articoli scientifici e risorse di rete forniti dal docente al termine delle singole lezioni

<b>AMBIT</b>	50448-Discipline odontoiatriche e radiologiche
<b>INDIVIDUAL STUDY (Hrs)</b>	90
<b>COURSE ACTIVITY (Hrs)</b>	60

**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**

<b>Hrs</b>	<b>Frontal teaching</b>
12	Topography of the oral cavity. Features of the normal oral mucosa. Elementary lesions (chromatic, morphological and etiological classification). Diagnostic algorithms: clinical diagnosis methods
12	White and red lesions. Pigmented lesions. Exophytic and endophytic lesions.
4	Immunological mucocutaneous disorders. Oro-facial Granulomatosis.
6	Potentially malignant disorders of the oral cavity. Oral cancer: epidemiology, etiology and clinical manifestations.
7	Oral manifestations of systemic diseases. Cheilitis. Drugs adverse reactions.
4	Pathologies of the salivary glands.
5	Pathology of the third molar. Bone lesions: cysts, odontogenic tumors, osteitis, osteomyelitis.
5	Drug related Osteonecrosis of the jaws.
5	Craniofacial pain and oral dysesthesia. Burning Mouth Syndrome. Halitosis.