



UNIVERSITÀ  
DEGLI STUDI DI MILANO-BICOCCA

## SYLLABUS DEL CORSO

### Patologia Speciale Odontostomatologica

2425-3-H4601D071-H4601D032M

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#### Aims

The course in Odontostomatologic Pathology aims to convey clinical and histological aspects of the main oral diseases, with particular emphasis on the pre-cancerous and cancerous lesions. Great importance will be given to early diagnosis and setting of an effective treatment plan.

#### Contents

##### ORAL PATHOLOGY

Definition of Oral Medicine. The medical records in oral medicine.

Observation of the oral mucosa. Classification criteria of oral disease.

Collection of medical records. The biopsy and histological analysis.

Injuries immune aetiology. Injuries and bacterial aetiology, viral aetiology, fungal lesions, pre-cancerous lesions, neoplastic lesions of the oral cavity

Lichen planus oral lesions Red lesions of the oral cavity and white lesions

Dryness of the mouth Cancer of the mouth and tongue

## **Detailed program**

### **EMBRIOLOGY of HEAD, FACE and ORAL CAVITY**

#### **DENTAL ANOMALIES**

Form anomalies  
Size anomalies  
Number anomalies  
Position anomalies  
Abnormalities of enamel and dentin

#### **OSTEOMIELITI**

etiopathogenesis  
Acute and chronic forms  
Principles of diagnosis and therapy

#### **THE OCCLUSAL TRAUMA**

Definition  
Main traumatizing forces  
Symptomatology and clinical course  
Therapy

#### **PATHOLOGY OF SALIVARI GLANDS**

Saliva lithiasis  
Cysts and Pseudocysts  
Sjörger's syndrome  
Infectious pathology:  
Mumps  
Viral and bacterial sialoadenitis  
Neoplastic pathology:  
Classification  
Pleomorphic adenoma  
Warthin tumor  
Muco-epidermoid carcinoma

#### **STOMATOMUCOSITES**

ULCEROSE lesions  
Reactive ulcers  
Infectious ulcers (Syphilis, Gonorrhoea, TB, Mycosis, Vincent's spirochete infections)  
Ulcers associated with immunological alterations (Sore ulcers, Erythema multiforme, Lupus erythematosus, Chron disease)

#### **VESCICOLO-BOLLOSE**

lesions:  
Infectious (Herpes virus)  
From alterations of the immune system (Pemphigus vulgaris, Pemphigoids)  
Contact allergies

#### **VERRUCOSE lesions:**

Papillary hyperplasia  
Side condyloma  
Scaly papilloma  
keratoacanthoma

## RED

lesions:

Malformations and vascular neoforations

Pyogenic granuloma

Median rhombic glossitis

Kaposi's sarcoma

Atrophic candidiasis

Injury from hypovitaminosis and anemia

## WHITE

lesions:

Frictional hyperkeratosis

Nicotinic stomatitis

Actinic cheilitis

Villous tongue

Language to geographical map

Candidiasis

## PIGMENTED

lesions:

Nevo

Melanoma

Amalgam tattoo

Pigments from heavy metals

## **PRECANCERUS LESIONS:**

Difference between lesions and precancerous conditions

leukoplakia

erythroplakia

Lichen Planus

Plummer-Vinson syndrome

## **ORAL CANCER:**

Epidemiology - Risk factors

Histological subtypes

Oral cancer clinic

Diagnosis, therapy and prognosis

## **The EPULDI:**

Definition

Histological classification

Clinical course

Diagnosis and Principles of treatment

## **THE**

### **ODONTOGENIAN CANCERS:**

T.O. of ectodermal origin:

ameloblastoma

Malignant ameloblastoma

Pindborg tumor

Squamous odontogenic tumor

Adenomatoid odontogenic tumor

T.O. of mesodermal origin:

Odontogenic mixoma

Odontogenic fibrosis

cementoblastoma  
T.O. of mixed origin:  
Fibroma and ameloblastic fibro-odontoma  
odontoma

## **ALLERGIC REACTIONS to dental materials**

## **Pathology of FACIAL NERVO and TRIGEMINO NERV**

### **Pathology CISTIC of BONE BELLS:**

Definition  
etiopathogenesis  
Signs and symptoms  
Diagnostic procedures  
Classification:  
Odontogene cysts  
Fissural cysts  
pseudocysts  
Surgical treatments - enucleation and marsupialization.

## **Prerequisites**

## **Teaching form**

Frontal lessons and seminars - lessons in presence

## **Textbook and teaching resource**

Slides and documents prepared for Dentistry students

## **Semester**

I semester

## **Assessment method**

Oral Examination verifying competence and skills acquired during the course

## **Office hours**

Monday - Wednesday with reservation

## **Sustainable Development Goals**

GOOD HEALTH AND WELL-BEING | QUALITY EDUCATION | PARTNERSHIPS FOR THE GOALS

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