UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

# COURSE SYLLABUS

# Maxillofacial Surgery

**2425-5-H4102D036-H4102D149M**

## Aims

The aim of the course is to provide the student through frontal lectures with the main notions of Pathology and Oncological Surgery of the face, oral cavity tumors, bones and salivary glands including the reconstructive phases of the soft, hard tissues and facial nerve ; Pathologies and cranio-facial traumatological surgery of adults and children; Pathology and Surgery of childhood and adult malformations.

## Contents

MAXILLO-FACIAL SURGERY: The aim of the course is to allow the medical student with the support video conferences, to learn Pathology and Oncological Surgery of the face, oral cavity tumors, bones and salivary glands , Cranio-facial traumatology, Pathology and surgery of cranio-facial malformations and dentofacial deformity.

## Detailed program

MAXILLO-FACIAL SURGERY

TRAUMATOLOGY - The student has to recognize the main signs and symptoms of fractures of the facial skeleton, has to know how to do a physical examination aimed at highlighting a possible fracture, the main radiological examinations useful for the diagnosis and the therapy of individual sites' fractures.

TUMORS OF THE FACE, ORAL CAVITY, BONES AND OF THE MAJOR AND MINOR SALIVARY GLANDS TUMORS
The student has to know the signs and symptoms referring to oncological pathologies of the oral cavity, of the maxillary bones and of the major and minor salivary glands. He has to be able to do a physical examination of the

oral cavity, maxillary bones and salivary glands. He has to know the diagnostic process of these diseases as well as the main therapeutic modalities.

CRANIO-FACIAL DEFORMITIES
The student has to know the embryology of the face in order to recognize the main malformative frameworks that affect this region. He has to know, in addition, the main problems connected with these malformations in order to formulate a correct therapeutic and diagnostic procedure from the neonatal age.

RECONSTRUCTIVE SURGERY
The student has to know the main reconstructive methods of the face with the relative indications for the reconstructions of the bony segments and of the soft tissues.

DENTOFACIAL DEFORMITY
the student has to know the main different types of dentofacial deformities. The student has to know the main problems correlated to this deformity and he has to know how to do a physical examination and the main radiological examinations useful for diagnosis and therapy.
He has also to know the main surgical techniques.

## Prerequisites

Propaedeutic skills

## Teaching form

All course activities will be held in English. Frontal lessons in attendace

## Textbook and teaching resource

An introduction to Oral and Maxillofacial Surgery : second edition - David A. Mitchell - RCR Press

## Semester

Second semester

## Assessment method

Written exam with single / multiple choice and open questions with brief answer.

Final oral exam at the discretion of the teacher or on student's request aimed at evaluating global comprehension of course program.

All assessments will be done in English

## Office hours

Appointments will be given upon contacting by email the teaching staff.

## Sustainable Development Goals

GOOD HEALTH AND WELL-BEING