



UNIVERSITÀ  
DEGLI STUDI DI MILANO-BICOCCA

## COURSE SYLLABUS

### Maxillofacial Surgery

2425-5-H4101D330-H4101D106M

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#### 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 skin, mouth and salivary glands including the reconstructive phases of the soft and hard tissues of craniofacial district; Pathologies and traumatological surgery of adults and children; Pathology and Surgery of malformations in childhood and adults.  
Burns and principles of wound healing.

#### 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 skin, mouth and salivary glands including the reconstructive phases of the soft and hard tissues of craniofacial district; Pathologies and traumatological surgery of adults and children; Pathology and Surgery of malformations in childhood and adults.

PLASTIC SURGERY: Surgical treatment of skin tumors. Pathology and treatment of burns and wounds

#### 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 ORAL CAVITY, OF THE BONES AND OF THE MAJOR AND MINOR SALIVARY GLANDS:** 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.

**BURNS:** The student has to know the etiopathogenetic mechanism of the various types of burns, has to be able to assess their severity and extent and implement the first therapeutic measures.

**WOUNDS:** Skin tumors of the cavity and wound healing. The students have to know the main skin tumors that require surgical treatment and the principle of wound healing and their management

## **Prerequisites**

see general Syllabus of the Course

## **Teaching form**

All course activities will be held in Italian . Frontal Lessons will be in attendance.

## **Textbook and teaching resource**

Trattato di Patologia Chirurgica Maxillo-Facciale, Edizioni Minerva Medica

## **Semester**

First semester

## **Assessment method**

see general Syllabus of the Course

## **Office hours**

Make an appointment with the Professor  
davide.sozzi@unimib.it

## **Sustainable Development Goals**

GOOD HEALTH AND WELL-BEING | QUALITY EDUCATION

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