



UNIVERSITÀ  
DEGLI STUDI DI MILANO-BICOCCA

## COURSE SYLLABUS

### Disciplines Odontostomatology

2425-3-I0301D014

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#### Aims

The aim of the teaching is to provide the fundamental notions regarding the most common pathologies in the field of odontostomatology, the epidemiological indices as well as the conservative and rehabilitative techniques and the aesthetic whitening treatments.

#### Contents

Tooth decay and periodontal disease;  
odontostomatological epidemiological indices;  
the biological phenomena involved in bone healing;  
the concept of osseointegration;  
the materials used in conservative and implantology;  
teeth whitening techniques;

#### Detailed program

Anatomy and physiology of periodontal and peri-implant tissues;  
Pathogenetic mechanisms of periodontal disease and carious disease;  
Periodontal causal therapy procedures;  
In-depth study of the concept of osseointegration in oral implantology;  
Implant components;  
Materials used in oral implantology (Titanium, titanium grades, titanium alloys, zirconium);  
Biological principles in maintaining the state of implant health;  
Oral hygiene techniques in hospitalized patients;

Clinical applications: preventive and therapeutic on pedo-orthodontic and adult-geriatric patients;  
Dental materials used in the odontostomatological field.  
Dental discolouration;  
Whitening techniques;  
Epidemiological indices in the odontostomatological field;

## **Prerequisites**

Aims of previous courses

## **Teaching form**

All lessons are held in person in delivery mode.

## **Textbook and teaching resource**

Esther m.Wilkins"Sbiancamento Dentale"

Laser a Diodi in odontoiatria – Stefano Benedicenti, Michele Barone, Rolando Crippa

Manuale Operativo studenti di igiene dentale, seconda edizione; Ariesdue

## **Semester**

Primo semester

## **Assessment method**

discussion on the topics covered in class

## **Office hours**

Friday from 9.00 to 12.00

## **Sustainable Development Goals**

GOOD HEALTH AND WELL-BEING

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