



UNIVERSITÀ  
DEGLI STUDI DI MILANO-BICOCCA

## SYLLABUS DEL CORSO

### Elementi di Odontoiatria Restaurativa

2223-2-I0301D032-I0301D034M

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#### Aims

The course aims to provide the student with the basic concepts of caries and pulp pathologies, together with the operative techniques of restoration and endodontic therapy, also providing knowledge on the materials used.

It wants to provide a basic vision to frame problems and correlate them with the tasks of the hygienist. It also deals with the clinical use of dental seals and the treatment of dentine hypersensitivity, the isolation of the operative field, problems pertaining to dental hygienists.

#### Contents

##### Detailed program

NOTES OF DENTAL ANATOMY.

INTRODUCTION: OBJECTIVE OF CONSERVATIVE DENTISTRY BRIEF INTRODUCTION ON THE PROPERTIES OF THE MATERIALS USED IN THE PRESERVATIVE:

- PHYSICAL PROPERTIES
- CHEMICAL PROPERTIES
- MECHANICAL PROPERTIES
- TECHNOLOGICAL PROPERTIES NOTES ON THE CLASSIFICATION OF DENTAL CARIES, DMF and DMFT

## DENTAL AMALGAM:

- BACKGROUND
- CHEMICAL-PHYSICAL
- MECHANICAL
- CLASSIFICATION OF AMALGAMI AND DIFFERENCES ON THE BASIS OF THE PARTICLES
- DENTAL CAVITY PREPARATION FOR EXTINGUISHING
- DIFFERENCE OF PREPARATION OF THE DENTAL CAVITY WITH THE COMPOSITE
- AMALGAMA SHUTDOWN (PASSAGES)
- MERCURY TOXICITY
- AMALGAMA SATURNISM and TATTOO
- AMALGAMA REMOVAL PROTOCOL
- OPTURAZIONI AND LUCIDATURA CONTROL (RUBBER TYPES AND PRECAUTIONS) STAINS OF THE ENAMEL

- DEFINITION - ESTRINSECHE and INTRINSECHE - WITHE SPOT - ICON TREATMENT LESIONS OF THE ENAMEL: BRASION, EROSION SEALING - INDICATIONS - MATERIALS (Composition and types of sealants),

METHOD (execution procedures) COMPOSITE RESINS: - SHORT HISTORICAL SUMMARY - PHYSICAL-CHEMICAL PROPERTIES and CLASSIFICATION OF COMPOSITE RESINS

- DENTAL CAVITY PREPARATION FOR COMPOSITE EXCURSION
- COMPOSITE SHUTDOWN (PASSAGES)
- CONSERVATION OF COMPOSITE MATERIAL
- ACCREDITATION TO BE FOLLOWED DURING TARTARO ABLATION INTRODUCTION: OBJECTIVE OF ENDODONTIC DENTISTRY

## MATERIALS USED IN ENDODONTICS

- GUTTAPERCA
- IRRIGANTS
- CHELANTI
- ENDODONTIC INSTRUMENTS (ENDODONTIC FILES, APICAL INDICATOR, ENDODONTIC HANDPIECE)

BACKGROUND OF ENDODONTIC PREPARATION AND CHANNEL CLOSURE (GUTTAPERCA - THERMAFIL - ENDODONTIC CEMENTS) CLINIC

## **Prerequisites**

Basic knowledge of dental anatomy

## **Teaching form**

FRONT DIDACTICS

## **Textbook and teaching resource**

## **Semester**

## **Assessment method**

To pass the exam you must obtain a grade of not less than 18/30. The student must demonstrate that he has acquired sufficient knowledge of the topics related to conservative and endodontics, a basic knowledge of the topics of endodontic anatomy, treatment and materials used in conservative and endodontics and to be able to implement it in the future profession.

The evaluation is done in written and oral form.

## **Office hours**

## **Sustainable Development Goals**

GOOD HEALTH AND WELL-BEING

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