



UNIVERSITÀ  
DEGLI STUDI DI MILANO-BICOCCA

## COURSE SYLLABUS

### Paediatric Dentistry Elements

2425-2-I0301D032-I0301D045M

---

#### Aims

Prepare the student to deal autonomously with the most common clinical problems connected with odontostomatological diseases, the aspects of prevention, registration of clinical parameters and information processing.

#### Contents

The course aims to lead the student to the knowledge of the dental and skeletal problems related to the growing subject, the basic concepts of caries and pulpar pathology, together with the operative techniques of restoration and endodontic therapy, also providing knowledge on the materials used.

It aims to provide a basic vision for framing dental problems and correlating them with the hygienist's tasks. 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.

#### Detailed program

NOTES OF DENTAL ANATOMY. INTRODUCTION: OBJECTIVE OF THE CONSERVATIVE DENTISTRY; NOTES ON THE CLASSIFICATION OF DENTAL CARIES, DMF and DMFT; STAINS OF THE ENAMEL: DEFINITION; EXTRINSIC and INTRINSIC; WHITE SPOT;

LESIONS OF THE ENAMEL: Abrasion, EROSION; SEALING: INDICATIONS; MATERIALS (Composition and types of sealants), METHOD (execution procedures); Preventive and community dentistry; Symbolism of the mouth and teeth, Dialogue with the patient, Motivation; Example of motivation and education program for oral hygiene;

Concept and definition of health; Health and disease; Multifactorial origin of the disease; Historical development of health promotion; Health education; Primary secondary tertiary prevention; General epidemiology; Caries: Epidemiology, predisposing factors, multifactorial etiology, oral microflora, diet, saliva; Principles of food hygiene; General principles of caries prevention; Primary prevention of caries; Fluoroprofilaxis, Sealing; periodontal disease; Epidemiology, Etiology, Risk factors; Oral health investigations (WHO provisions); Basic investigations; Index age; Clinical methodology; Selection of subjects at high risk of caries.

Psychology of the pediatric patient; Doctor-patient-family relationships; Morphology of deciduous and permanent teeth; Teeth eruption times; Lee-way space; Dental development disorders: Amelogenesis imperfect; Imperfect Dentinogenesis; Dentinal dysplasias; Fluorosis; discoloration; Physiological abrasion; parafunctions; erosions; Eruption anomalies; Sovranumeraries; Systemic diseases typical of childhood; Local etiology; Various factors; Anomalies of form and number; Inflammatory processes of periodontal tissues; Gingivitis X-ray examination: Intra-oral; Extra-oral; Pathophysiology of deciduous teeth: Stage I; Stage II; Stage III; Cary disorders of deciduous teeth: clinical forms; Fluorosis: clinical features.

## **Prerequisites**

None

## **Teaching form**

3 lessons 3 hours carried out in presence mode.

## **Textbook and teaching resource**

Manual for dental hygiene students, University of Milan-Bicocca.

## **Semester**

second semester II° year

## **Assessment method**

Test with closed questions (multiple choice) to check the preparation on the exam program and open questions (short essays) to check the ability to independently reflect on critical points of the program.

## **Office hours**

## **Sustainable Development Goals**

GOOD HEALTH AND WELL-BEING

---