UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Elements of Periodontology

2627-3-I0301D033-I0301D052M

Aims

The course aims to provide students fundamental knowledge of the anatomy and pathophysiology of periodontal tissues, the aetiology and pathogenesis of periodontal diseases, and their main risk factors. It also aims to develop the ability to recognise the clinical signs of periodontal health and disease and to understand the principles of periodontal diagnosis and treatment.
Particular emphasis will be placed on the prevention of periodontal diseases and the control of risk factors.
The course also aims to develop the basic competencies required for the prevention of periodontal diseases and the maintenance of periodontal health within the scope of dental hygienists' professional practice.

Contents

Anatomy and histology of periodontal tissues. Aetiology and pathogenesis of periodontal diseases. Classification of periodontal health and diseases. Local and systemic risk factors. Principles of periodontal diagnosis and clinical assessment. Prevention of periodontal diseases and principles of non-surgical causal therapy. The role of the dental hygienist in prevention, non-surgical treatment, and the maintenance of periodontal health.

Detailed program

Anatomy of the periodontium.
Evidence-Based Dentistry (EBD) in periodontology.
Epidemiology.
Systemic diseases and periodontology.
Diagnosis of periodontal diseases: gingivitis and periodontitis.
New classification of periodontal diseases.

Prevention of periodontal diseases – the role of the dental hygienist.
Causal therapy and non-surgical periodontal treatment.
Periodontal surgery.
Implant dentistry and peri-implantitis.
Lasers in periodontology.
Regenerative and innovative therapies.

Prerequisites

Basic knowledge of oral anatomy
Basic knowledge of primary, secondary, and tertiary prevention
Knowledge of the role of the dental hygienist within the dental care pathway

Teaching form

Frontal lessons

Textbook and teaching resource

Lecture summaries

Semester

I semester

Assessment method

Written examination consisting of multiple-choice questions and/or open-ended questions.

Office hours

By appointment:
Monday: 8:00 a.m.–1:00 p.m.
Wednesday: 8:00 a.m.–1:00 p.m.

Sustainable Development Goals

GOOD HEALTH AND WELL-BEING