UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Elements of Periodontology

2425-3-I0301D033-I0301D052M

Aims

The aim of the course is to develop the knowledge of non-surgical and surgical periodontal therapies in order to develop in the student a critical impulse on the different conditions of the patients that may be presented to him during the future clinical activity in order to subsequently be able to pursue the best therapeutic path.

Contents

the course will present a careful evaluation of the best literature present, an exposition of all the techniques known to date with the evaluation of the pros and cons and the knowledge of all the available materials.

Detailed program

How to evaluate the best scientific evidence (EBD)
The therapeutic choice
The new classification of periodontal disease: what has changed and why (focus on smoking and diabetes)
Non-surgical therapy (therapeutic advantages and limitations)
Periodontal surgical therapy: biological basis and periodontal anatomy
The use of stem cells in periodontology
Regenerative therapy: definition and biological basis
Surgical techniques: biuomaterials, membranes
Anatomy of the interdental papilla
Periodontal flaps from the 19th century to today
Growth factors in periodontology
Mucogingival surgery: techniques and bilaminar prelivo from the palate

Periodontal disease and systemic diseases (cardiovascular disease, diabetes, obesity, premature birth)
Perimlantite

Prerequisites

Knowledge of periodontal microbiology, anatomy and classifications of intrabony defects, recessions and furcation lesions (second year periodontology)

Teaching form

Frontal lessons

Textbook and teaching resource

PDF of the PPT of the lessons
Recommended textbooks:
Clinical periodontology and oral implantology - Lindhe - EdErmes
Soft tissue regeneration in implantology - Leonida - EdErmes
Stem cells and gene therapy for dentists - Leonida - Ed Martina

Semester

I semester

Assessment method

oral exam

Office hours

Before or after class by appointment via email

Sustainable Development Goals

GOOD HEALTH AND WELL-BEING