UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Application of Substances Capable To Reduce Tooth Decay and Accomodation

2627-2-I0301D008-I0301D030M

Aims

The aim of the teaching is to provide the student with fundamental knowledge regarding the prevention of carious disease and to avoid the onset of new lesions. This involves considering a personalized prevention program along with periodic check-ups, proper oral hygiene, adequate nutrition, and management of both home and professional fluoride prophylaxis. Additionally, it is expected to acquire technical and professional knowledge regarding measures for the prevention of carious disease, management of gingivitis, periodontitis, dentinal hypersensitivity, erosion, and halitosis, as well as knowledge of oral cavity cleaning methods aimed at disrupting bacterial plaque, through the use of personalized oral hygiene measures related to the patient's clinical condition.

Contents

Provide students with the theoretical and practical foundations of the chemical agents used in the prevention, treatment, and maintenance of the patient's oral hygiene.

Detailed program

The course aims to provide skills in:

-Professional care (prevention and maintenance);
-Caries risk assessment: planning and therapy;
-Mouthwashes: classification, characteristics, components, and their use;
-Herbal remedies;

-Probiotics: effects on oral health;
-Sealants: components, indications, and application technique;
-Interdental space: anatomical references, characteristics, and aids for maintaining health;
-Wear: pathogenesis and therapy;
-Hard tissue lesions: evolution, prevention strategies, and therapy;
-Remineralizing and desensitizing substances;
-Risk factors for caries;
-Whitening of vital teeth;
-Management of patients with orthodontic appliances;
-Ministry Guidelines for the prevention of caries in childhood.

After active attendance in the lessons and individual study, the student should be able to: improve understanding in the detection of clinical data, prepare personalized clinical protocols organized through the consultation of guidelines, bibliographic references, and texts. They should know the oral hygiene aids available on the market in order to motivate and instruct every type of patient for the maintenance of both oral and systemic health.
After passing the exam, the student will be able to perform a careful clinical evaluation, provide indications regarding oral health status, and personalize intervention strategies for the management of various clinical scenarios

Prerequisites

Knowledge of the introductory courses indicated in the regulation of the degree course.

Teaching form

he lessons will be delivered using expository teaching methods accompanied by iconographic material. The student will be required to actively discuss the proposed cases.

Textbook and teaching resource

Suggested text books

1- Limeback H. Odontoiatria preventiva integrata EMSI, Roma, 2015

2- Abbinante A., Cortesi Ardizzone V., Igienista Orale, EDRA, Milano, 2013

3- Sarri S., Integratori naturali in odontoiatria e igiene orale, ARIESDUE, Milano,

4-Panzeri M.C. Manuale operativo per igienisti dentali 27 feb. 2023 ARIESDUE, Milano

Semester

II year, II semester.

Assessment method

Assessment will be carried out through a quiz consisting of 16 questions, with each question worth 2 points. Students will indicate whether each statement is true or false.

Office hours

By appointment

Sustainable Development Goals

GOOD HEALTH AND WELL-BEING