UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Protocols of Implant Maintenance and Prosthetic Devices

2021-3-I0301D014-I0301D057M

Aims

The student must:

· **Know the characteristics of the materials used dental hygienist in clinical practice**

· **Knowledge of tools and methods of prevention of diseases to dentistry**

· **Understand the workings and areas of application of dental materials**

· **Be able to make a rational and consistent choise of materials and tools of use**

· Know the characteristics of dental materials used in clinical practice by dental hygienist

· Learn usefull notions for handling of patients in prosthetic rehabilitation and implant-prosthetic simple or complex rehabilitation

· Learn techniques of oral hygiene in hospitalized patient and protected communities

Learn usefull tools for a correct diagnosis

Contents

Description of materials considering the needs of the profession whom they are addressed by defining the parameters of eligibility and assessing the qualitative and quantitative biological effects in the oral cavity.

Notions for handling of patients in prosthetic rehabilitation and implant-prosthetic rehabilitation

Tools and means using by dental hygienist for a correct diagnosis

Detailed program

A**pplications in dental materials: biocompatibility of dental materials, the physical properties of dental materials, chemical properties. Morphology and classification of teeth: structure and morphology of teeth, signs of histochemistry of teeth, physical and mechanical properties of teeth; classification identification of teeth. Gypsum for dental use: chemical and physical characteristics, handling and properties; applications. Waxes for dental use: the characteristics of wax modeling, composition and properties of waxes; application in dentistry: Covers and refractory materials: types of coating materials and their characteristics; bond acidic materials, materials in phosphate binder, gypsum-bonded materials : Gold and gold alloys: structure and properties of alloys, gold alloys for prosthetic devices. Basic metals and alloy steel: composition, physical and mechanical properties; mergers resin and porcelain. Ceramic materials for dentistry: dental ceramics, and chemical and physical characteristics, classification, types of ceramic crowns, partial denture polymer; use of acrylic resins: materials and tools for implantation: as titanium implant materials, materials for implant procedures. Materials and instruments for orthodontics: for orthodontic wires, bands and racketeering; orthodontic instruments. Materials and tools for prevention and oral health: tools and materials for the prevention of caries, materials and tools for oral hygiene. Materials and tools for periodontics. Materials and tools for conservative dentistry: background protective materials, concrete foundation and fillings, cements and zinc oxide eugenol (ZOE) cements etossibenzoico ortho-acid (EBA) cements phosphoric acid , cements polialchnoici acids, resin composite; classification of composite resins; chemical and physical mechanisms of composite resins, light-cured composite resins, chemical and physical properties of composites; Please use the composites and tool for conservation. Adhesives for dental use: adhesion to enamel, dentin adhesion. Materials and devices for endodontic therapy. Impression Materials: characteristics and requirements of impression materials, impression materials classification.**Trascrizione fonetica

Notions of dental prothesis and implantology. Therapy of maintenance: meaning, function and protocols. Therapy of maintenance in simple oral rehabilitation. Therapy of maintenance in complex oral maintenance. Therapy of maintenance in geriatric patient.

Meaning of diagnosis. Anamnesis. Charting. How to read a radiograph. Saliva check test. Parodontal exam. Pulp test. Test for

Prerequisites

The goals of the previous courses

Teaching form

Lectures

Textbook and teaching resource

Wilkins Esther, Clinical practice of the dental Hygienist, PICCIN

Semester

Thrid year - first semester

Assessment method

written and oral

Office hours

Tuesday and Friday from 8.30 A.M. to 12.00 A.M. sending email to fix the appointment