UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Prosthetic Dentistry I

2223-4-H4601D021-H4601D055M

Aims

Indications and treatment planning in implant fixed prostheses, mobile prostheses and combined prostheses on natural teeth.

Contents

Analysis of patient’s treatment from a prosthetic point of view.

Clinical protocols for fixed prostheses on natural teeth.

New digital procedures in prosthesis.

Detailed program

TOTAL PROSTHESIS:
Medical history and compilation of medical records, first visit, objective examination of the patient's oral cavity totally edentulous, immediate / temporary prosthesis, tissue conditioning materials, the first impression in total prosthesis: materials used, construction of the individual impression tray, impression materials, techniques impression in the totally edentulous patient, peripheral border of the individual tray and secondary impression, construction of working models and analysis of edentulous models, the base plate, determination of the vertical dimension of occlusion, registration of intermaxillary relationships, the facial arch transfer, the articulators: assembly of the models in the articulator, The edentulous classes, choice and assembly of the teeth in total prosthesis, delivery and checks following the delivery of the prosthesis

PROSTHESIS ON IMPLANTS
Overdenture on natural teeth and implants
Removable partial denture with implants

REMOVABLE PARTIAL PROSTHESIS "the skeletonized"
The framework and its parts, definition and suitability of the anchor, the general rules, the parallelometer, definition considerations and determination of the insertion axis, general information on hooks and types of hooks, plate or palatine bar, plate or lingual bar, saddles, retentions, types of hooks, clinical examination, impression, design, duplication of the master model, refractory model, choice and application of preforms (modeling), preparation for casting, application of casting pins, choice of alloy and preparation of the same, slow cooling, finishing and polishing, presentation of the product

THE SKELETON WITH LAMELLA RETENTIONS
Indications, planning

Lectures:

Treatment plan: indications for a fixed prosthetic rehabilitation on natural teeth.

Basic techniques of teeth preparation:analysis and selection criteria. Indications for different types of teeth preparation: single crowns, bridges, inlays and veneers.

Impression materials and techniques in fixed prosthesis

Clinical phases for the realization of a fixed prosthesis.

Laboratory steps and technologies for the realization of a prosthetic device.

Clinical indications for a combined prosthesis.

Impression materials for the combined prosthesis and their techniques.

Clinical phases for the realization of a combined prosthesis.

Laboratory steps and technologies for the realization of a combined prosthetic device

Digital impression and CAD CAM technology.

Laboratory Classes

Different techniques of preparations for full crowns, inlays and veneers.

Teeth wax modeling on the previously prepared teeth (real dimension).

Prerequisites

Advanced knowledge of the principal prosthetic materials

Examination from an aesthetic, biological, phonetic and bio mechanical point of view of different prosthetic devices.

Basic knowledge of the indications of the main treatment plans.

Teaching form

Frontal lectures and laboratory classes

Textbook and teaching resource

Notes and slide

Title: THE REMOVABLE PARTIAL PROSTHESIS. From theory to practice
Authors: A.borracchini, N. Di Lullo, A. Dolci, A. Marino, S. Proietti
Published by Edizioni Martina Bologna, 2002

Title: THE SKELETON PROSTHESIS. THE SKELETON WITH LAMELLA RETENTIONS. Planning - Drawing - Construction - Clinic
Authors: G. Ceraulo, S. Ceraulo
Published by Wilde spa Palermo, 2014

Title: La riabilitazione estetica in protesi fissa

Author: Fradeani Mauro - Barducci Giancarlo

Editor: Quintessenza

Title: Estetica e precisione. Procedure cliniche e di laboratorio

Author: Massironi Domenico - Pascetta Romeo - Romeo Giuseppe

Editor: Quintessenza

Semester

First semester

Assessment method

Oral exam and evaluation of prosthetic preparations for full crowns, inlays, veneers and wax modeled elements

Office hours

Wednesday from 8.30 to 10 by appointment

Sustainable Development Goals

GOOD HEALTH AND WELL-BEING | QUALITY EDUCATION | PARTNERSHIPS FOR THE GOALS