



ODONTOIATRIA RESTAURATIVA

11 CFU - 1° Semester

Teaching Staff

ERNESTO RAPISARDA - Module ODONTOIATRIA CONSERVATIVA - MED/28 - 2 CFU

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ERNESTO RAPISARDA - Module RESTAURATIVE DENTISTRY - ENDODONTIC FORM - MED/28 - 6 CFU

LUCA ORTENSÌ - Module PROTESI DENTARIA - MED/28 - 3 CFU

LEARNING OBJECTIVES

▪ RESTAURATIVE DENTISTRY - ENDODONTIC FORM

At the end of the course, the student will have a preparation that allows you to recognize, address and resolve complex cases of endodontics. In particular, the student will be able to handle endodontic emergencies and their treatment; recognize and use appropriately the main techniques of instrumental preparation; recognize and properly use the endodontic irrigant solutions; learn about various methods of root canal filling; manage endo-perio lesions; plan and organize simple endodontic surgery; coordinate an assistant to the chair for conducting root canal therapies

▪ PROTESI DENTARIA

Objectives of the course are to give students the diagnostic elements to formulate a proper plan of treatment in the patients who need a prosthetic fixed therapy. The dental preparation techniques will also be discussed, we will talk about of impression techniques, methodology of construction of the temporaries, the materials for definitive fixed prostheses and cementation techniques.

DETAILED COURSE CONTENT

▪ RESTAURATIVE DENTISTRY - ENDODONTIC FORM

Endodontic diagnoses Pulp vitality tests Pulp and periapical pathology Radiographies in endodontics Anesthesia in endodontics The endodontic pre-treatment Operative field isolation: the rubber dam The standardized endodontic instruments. Files, reamers, broaches The nickel-titanium endodontic instruments with a taper increased Biological objectives of cleaning and shaping root canals Cleansing endodontic space The preparation of the access cavity in different teeth The access cavity through the abutments and crowns The root canal pathway Determination of the

working length Apical limit of preparation: anatomic, electronic, endodontic or radiographic apex
 Root canal preparation techniques The preparation of the root canal according to the Schilder technique The curved channels. The obliterated root canals The treatment of teeth with vital or necrotic pulp Filling of the endodontic space: biological principles, materials and techniques
 Properties of filling materials The gutta-percha. Lateral condensation of gutta-percha Vertical compaction of warm gutta-percha using the technique of Schilder The Thermafil. The Simplefil The continuous wave of condensation technique: System B and Obtura II syringe The Microseal technique The Ocalexic therapy Endodontic treatment of primary teeth and teeth with immature apex The root resorption Endo-periodontal lesions Endodontic retreatment Endodontic surgery: indications, limits and operating procedures microsurgical Endodontics The retrograde filling The root-end cut in endodontic surgery The lasers in endodontics Ultrasound in endodontics Endodontics emergency Complications in the course of endodontic treatments The replacement, the transplantation or the allograft of the tooth.

▪ **PROTESI DENTARIA**

- The treatment plan in prosthetic dentistry
- Esthetic Analysis of the patient
- Different face typology: what is the right therapy
- Prosthetic dentistry and others specialities: what are relationships?
- The collection of patient data and the transfer of technical data to the laboratory
- Elements of occlusion
- intra- and extra-oral recordings : the intermaxillary relations and position Inglese
- Construction technique of the temporaries
- Classification of acrylic and composite resins for temporaries
- Impression materials and techniques
- Models master: different typology
- Cross models technique in dentistry
- The construction of final prosthesis : modality.
- Classification of ceramic materials
- The final cementation of the manufactured
- The occlusal control
- The longevity of the therapy.

TEXTBOOK INFORMATION

▪ **RESTAURATIVE DENTISTRY - ENDODONTIC FORM**

- AUTORI VARI: SIE - Manuale di Endodonzia - Edizioni Edra
- M. GAGLIANI, R. FORNARA: Testo atlante di anatomia endodontica - Tecniche Nuove, Milano
- F. SOMMA: Endodonzia. Principi di base, procedure operative e tecniche - Masson Editore, Milano
- E. FOCE: Lesioni endo-parodontali - Quintessenza Edizioni, Rho (MI)
- G. PAGAVINO: Progressi in Endodonzia. - SEE, Firenze
- S. COHEN, R. C. BURNS: Attraverso la polpa (Pathways of the Pulp) - Ed. PICCIN, Padova
- E. AMBU: Atlante illustrato di Endodonzia - Masson Editore, Milano
- G. VIGLIONETTI, P. MARESCHI: Endodonzia. Da Arte a Scienza - ACME Edizioni, Viterbo

▪ **PROTESI DENTARIA**

- SHILLIMBURG, H.T. - Basi Fondamentali di Protesi Fissa - Quintessenza
 - DARIO CASTELLANI - Elementi di Occlusione. Editore Martina
 - DARIO CASTELLANI - Atlante di Protesi Fissa. Editore Martina
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