UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Internship in Parodontology Department

2425-3-H4601D056

Aims

To bring the student closer to the treatment of periodontal patients, with particular regard to the correlations with systemic diseases with a high epidemiological index

Contents

Participation in the treatment of periodontal patients, with recognition and application of diagnostic-therapeutic notes necessary for the treatment of patients suffering from periodontal disease, both with non-surgical and surgical approach.

Detailed program

Recognize the physiological anatomy of the periodontium, evaluate the signs of periodontal disease (gingivitis, increases in gingival volume, aggressive periodontitis, chronic periodontitis of the adult, necrotizing periodontitis, periodontitis during systemic diseases). Knowing how to recognize the local etiological factors (dental plaque and tartar) of periodontal disease, the conditions favoring the accumulation of local etiological factors. To classify clinical manifestations of periodontitis (pockets, gingival recessions, injuries of furcations, mobility, migrations, abscesses) , premature and aggressive onset periodontitis, chronic periodontitis, necrotizing periodontitis, periodontitis during systemic diseases. Relationships between periodontology and endodontics: knowing how to recognize primary endodontic lesions, endo-parodontal lesions, endodontic lesions secondary to disease and / or periodontal treatment. Knowing how to recognize the relationship between periodontal disease and systemic diseases. Knowing how to perform basic and advanced periodontal diagnoses: medical history, clinical examination, survey, Rx examination, immunological and biochemical laboratory tests, microbiological tests, genetic tests. To prepare a preliminary treatment plan. Knowing how to set up and perform etiological periodontal

therapy: know how to use antiseptics in periodontal therapy, perform chemical control of supragingival plaque, be able to perform etiological therapy, with proper management of the etiological therapy instruments, ability to give information to the patient of the techniques of oral hygiene. Knowing how to perform scaling and root planing. Knowing how to perform non-surgical laser therapy of periodontal disease. Knowing how to prescribe antibiotics in periodontal therapy. To be able to perform re-evaluation after aetiologic therapy and to be able to draw up the definitive treatment plan. Knowing how to recognize the objectives of surgical treatment with the indications and contraindications of periodontal surgery. Know how to perform anesthesia. Knowing how to make the access flap. Knowing how to perform resective surgical therapy: execution of clinical cases of gingivectomy, flap with apical repose, Ostectomy, hemisection, rhizectomy. Knowing how to perform furcation injuries: Knowing how to perform the access flap and dentistry, Knowing how to perform the mucogingival surgical treatment, based on the knowledge of the classification of recessions, the indications for the increase of adherent gingiva and for the root covering, Be able to perform surgical techniques in order to increase the adherent gingiva, to perform regenerative surgical therapy: to perform periodontal support therapy, with motivation techniques and periodic motivational reinforcement. Know how to use diode laser and photodynamic therapy with high-frequency laser and non-colored oxygenated solution (OHLLT without Dye) in the non-surgical treatment of periodontal disease. Know how to use diode laser and photodynamic therapy with high frequency laser and oxygenated solution (OHLLT without Dye) in the surgical treatment of periodontal disease. To use erbium laser in the surgical treatment of periodontal disease.

Prerequisites

Frequencies in line with the academic regulations

Teaching form

Interactive educational activity supervised by the teacher

Textbook and teaching resource

How much is necessary for the practical execution of the surgical treatment and non surgical treatment of the periodontal disease

Semester

10 hours from the third year onwards

Assessment method

weekly Frequency

Office hours

tuesday 8.30-9.30

Sustainable Development Goals

GOOD HEALTH AND WELL-BEING