

Faculty of Medicine



DENT1282 Operative dentistry (part 1)

[22.5h+45h exercises] 4 credits

This course is taught in the 2nd semester

Teacher(s): Philippe Jones, Gaëtane Leloup, Jean-Pierre Van Nieuwenhuysen, Gaëtan Vermeersch, José Vreven (coord.)

Language: French

Level: First cycle

Aims

To be able : to diagnose the main dental hard tissues lesions and to select the most appropriate dental materials and techniques to restore teeth.

Practical courses will learn to use the selected techniques and materials.

This first part will be continued in BAC3.

Main themes

Theory :

Properties and techniques of placement of the esthetic restorative materials.

Diagnosis of dental caries.

Practice :

Practical use of instruments, dental materials and handpieces.

Basic techniques of treatment with esthetic materials on models.

Content and teaching methods

Contents

Esthetic dental materials : composite, glass ionomer, resin modified glass ionomer.

Physical, mechanical properties

Handling

Biocompatibility

Adhesive dentistry : Principles and Techniques.

Diagnosis of the main lesions of the dental hard tissues

Treatment of pit and fissures lesions (preventive and minimally invasive technique)

Treatment of small approximal caries.

Methods

Theory

Lectures illustrated with slides, " power point " presentation and video.

Practice

Preclinical

Direct or video demo of the techniques.

Techniques applied on resin or natural extracted teeth.

Clinical

Passive attendance in the dental clinics of operative dentistry, endodontics, prosthetic dentistry and periodontology

Other information (prerequisite, evaluation (assessment methods), course materials recommended readings, ...)

Prérequis

Dental anatomy

Histology of tooth and mouth tissues

Evaluation

Evaluation is based on the preclinical exercises during the academic years and the final examination (15/20) and on theoretical evaluation (5/20) done during the practical examination.

Support

Syllabus and CD roms with the power point presentations

Other credits in programs

DENT12BA	Deuxième année de bachelier en sciences dentaires	(4 credits)	Mandatory
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