

Faculty of Medicine



DENT1382 Operative dentistry (part 2)

[37.5h+135h exercises] 7 credits

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 is taught in BAC2.

Main themes

Theory

Properties and techniques of placement of the non - esthetic restorative materials

Diagnosis of non carious dental lesions : abrasion, erosion, attrition, etc.

Practice

Practical use of instruments, dental materials and handpieces.

Direct and indirect techniques of treatment on models and phantoms

Esthetic and non esthetic dental materials

Content and teaching methods

Contents

Non -esthetic dental materials : amalgam, gold.

Physical, mechanical properties

Handling

Biocompatibility

Intermediary dental materials (cements)

Diagnosis and differential diagnosis of non carious dental hard tissues lesions(carie = bac2)

Mouth examination and treatment planning.

Treatment of large occlusal and approximal caries in posterior teeth.

Esthetic dentistry (bleaching, restoration of anterior teeth).

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.

Treatments applied on phantom head.

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, Cariology and prevention, Physiology of mastication and saliva, Introduction to dental sciences.

Evaluation

Theory : oral examination

Practice : preclinical exercises during the academic years and final practical examination

Support

Syllabus and CD roms with the power point presentations

During preclinics : video, power point presentation, computers.

Other credits in programs

DENT13BA	Troisième année de bachelier en sciences dentaires	(7 credits)	Mandatory
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