

29326 - Conservative Odontology II

Syllabus Information

Academic Year: 2019/20

Subject: 29326 - Conservative Odontology II

Faculty / School: 229 - Facultad de Ciencias de la Salud y del Deporte

Degree: 442 - Degree in Odontology

ECTS: 6.0

Year: 3

Semester: Second semester

Subject Type: Compulsory

Module: ---

1.General information

1.1.Aims of the course

1.2.Context and importance of this course in the degree

1.3.Recommendations to take this course

2.Learning goals

2.1.Competences

2.2.Learning goals

2.3.Importance of learning goals

3.Assessment (1st and 2nd call)

3.1.Assessment tasks (description of tasks, marking system and assessment criteria)

4.Methodology, learning tasks, syllabus and resources

4.1.Methodological overview

The subject includes lectures, active learning, group work, tutorials and practicals sessions.

4.2.Learning tasks

The program that is offered to the student to help him to achieve the expected results includes the following activities:

LECTURES INDIVIDUAL AND GROUP WORKS TUTORIALS SEMINARS AND WORKSHOPS
PRE-CLINICAL SESSIONS

4.3.Syllabus

BLOCK 1. OPERATIVE DENTISTRY II

Teaching Unit 1: Direct and indirect restorations with aesthetic materials

SUBJECT 1. Introduction to dental aesthetics. Parameters of dental aesthetics. Diagnosis in dental aesthetics. Anterior front aesthetics: color, shape, etc. Dental photography in Conservative Dentistry.

SUBJECT 2. Class III restorations. Diagnosis. Clinical steps and cavity preparation. Restorative procedure.

SUBJECT 3. Class IV restorations. Diagnosis. Clinical steps and cavity preparation. Restorative procedure.

SUBJECT 4. Class V restorations. Diagnosis. Types of preparation. Clinical steps and cavity preparation. Restorative procedure.

SUBJECT 5. General characteristics of indirect restorations I. Aesthetic restorations with compositeS in anterior and posterior teeh. Indirect techniques.

SUBJECT 6. General characteristics of indirect restorations II. Indirect techniques. Aesthetic restorations with ceramics.

Adhesive luting procedures.

SUBJECT 7. Restoration of endodontically treated teeth. Basic principles. Fiberglass posts. Endocrowns.

Teaching unit 2: Other pathologies and treatments.

SUBJECT 8. Vital and non-vital dental whitening. Concept. Materials. Clinical application and results.

SUBJECT 9. Halitosis. Definition. Etiology. Diagnosis. Treatment.

SUBJECT 10. Dentine hypersensitivity. Definition. Etiology. Diagnosis. Treatment.

The following practical sessions are planned:

1. Class III restorations with composite resin (2 sessions).
2. Restorations of Class IV and V with composite resin (4 sessions).
3. Indirect Restorations in anterior and posterior teeth (3 sessions)
5. Restorations of natural teeth with resin composite.

4.4.Course planning and calendar

Schedule sessions

Lectures and practice sessions are designed according to the academic calendar of the corresponding course and the class schedule established by the Faculty.

Lectures: Classroom 1 or 2

Preclinical Practice: Dental Laboratory Materials

Clinical practice: Dental Clinic

Seminars: Classroom 1 or 4 (to be confirmed in advance)

The 2018-2019 academic course will begin on 17th September, 2018.

4.5.Bibliography and recommended resources

Essential bibliography

- Barrancos Mooney, Julio.. Operatoria dental : integración clínica / Julio Barrancos Mooney, Patricio J. Barrancos. Buenos Aires [etc.]: Médica Panamericana, 2006.
- Endodoncia: técnicas clínicas y bases científicas / directores, Carlos Canalda Sahli, Esteban Brau Agudé. Barcelona: Masson, 2006.
- Fundamentals of operative dentistry: a contemporary approach / edited by James B. Summitt... [et al.]; illustrations by Jose dos Santos, J . 3rd ed. Chicago [etc.]: Quintessence, 2006.
- Vías de la pulpa / editores, Kenneth M. Hargreaves, Stephen Cohen ; editor de la web, Louis H. Berman. 10ª ed. Barcelona [etc.]: Elsevier, 2011.

Additional bibliography

- Mitchell, Christina. Dental materials in operative dentistry / by Christina Mitchell . London [etc.]: Quintessence, cop. 2008
- Whitworth, John M. Rational root canal treatment in practice / by John M. Whitworth. London:Quintessence books, 2002
- Patología y terapéutica dental / editor Javier García Barbero. Madrid : Síntesis, D.L. 2005.
- Walton, Richard E. Principles and practice of endodontics / Richard E. Walton, Mahmoud Torabinejad. 3rd. ed. Philadelphia : W.B. Saunders Company, 2002