

29334 - Conservative Odontology IV

Información del Plan Docente

Academic Year	2016/17
Academic center	229 - Facultad de Ciencias de la Salud y del Deporte
Degree	442 - Degree in Odontology
ECTS	6.0
Course	4
Period	Second semester
Subject Type	Compulsory
Module	---

1. Basic info

1.1. Recommendations to take this course

Being Conservative Odontology IV a merely clinical subject, made completely in the " Odontology Practice Service of Zaragoza University " on real patients, this is a subject that approach the student to the reality that will find the next day after graduating, in working world.

According to Comision de Estudios de Grado de la Universidad de Zaragoza on 8 th November 2012 sesion , it is necessary to have passed Conservative Odontology I and II to study this subject (Conservative Odontology IV).

1.2. Activities and key dates for the course

The week of 08-02-2017, practices will start in the Odontology Practices Service of Zaragoza University, and will last until 30-05-2017.

2. Initiation

2.1. Learning outcomes that define the subject

Students , to pass the subject, must show the following results...

- 1- Identify and describe properly, the symptoms of dental or periapical pathology.
- 2- Establish a differentiating diagnosis and a treatment plan.
- 3- Evaluate the concrete signs of dental and periapical pathology, by means of clinical exploration and complementary tests..

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- 4- Value the patient's requirements properly ,in relation to the proposed treatment, adapting to his characteristics (age social level...)
- 5- Establish the therapeutic sequence, in case a multidisciplinary treatment is required
- 6- Solve with the correct conservative technique the diagnosed pathology.
- 7- Identify and solve any odontologic emergency with a dental origin.

2.2.Introduction

Conservative Odontology IV is merely a clinical subject. Most of it takes place in the Odontologic Practices Service of Zaragoza University. In this subject students are expected to put into practice, on real patients, the concepts and skills that have been learnt in Conservative Odontology I, II and III. Those students who have passed this subjects will be able to work with real patients, like they will do when finishing their grade. It is important for students to learn in a practice way how to treat patients, diagnose different oral pathologies, the treatment and prognosis of the dental issues that usually take place in a dental clinic. All this work will be assessed and checked by a experienced teacher.

3.Context and competences

3.1.Goals

The subject and its expected results respond to the following plans and objectives:

- 1- To know the etiology ,histopathology, treatment and prognosis of dental and periapical lesions.
- 2- To establish a general therapeutic guide, applying the suitable diagnosing methods.
- 3- Complete dental history.
- 4- To make the therapeutic methods correctly achieved in preclinical practices on patients coming to the Odontologic Practices Service of Zaragoza University.
- 5- To achieve clinical experience at University, under the suitable supervision of the teacher.

3.2.Context and meaning of the subject in the degree

When passing this subject, the student will be able to face correctly to basic clinic referred to conservative treatments, which are 80% of demanded ones.

3.3.Competences

- 1- Diagnose and plan a multidisciplinary, sequential and integrated treatment, with limited complexity, in patients.

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2- Make basic treatments of oral pathology in patients.

3- Establish a diagnose, predict and develop a suitable therapeutic plan orientated to dental and periapical pathology and also to trauma.

4- To establish a good diagnose and treatment plan ,the "future" dentist must achieve the following competences:

. To interpret radiographs and image procedures, relevant in dental practice.

. To determine the patient's possibilities of satisfaction ,aesthetic and functional .

. Identify patients with special characteristics ,providing specific care.

5- To establish a good dental treatment, the "future" dentist must achieve the following competences:

. To apply correctly local anaesthetic techniques.

. To prepare and isolate the surgery field.

. To identify the instruments and material needed in different treatments.

. To deal with dental infections ,including pharmacological prescription.

. To treat with surgery teeth destroying processes.

. To make endodontics treatment and apply procedures to save pulp and root vitality.

. To make usual aesthetic procedures in a multidisciplinary perspective.

. Treatment dental trauma.

. Identify and assist any dental emergency.

6-Transversal competences

- To know the scientific method and be able to value the established knowledge and new information. To be able to formulate hypothesis, collect and value in a critic way the information to solve problems following the scientific method.

- To get and elaborate a clinical history with all relevant information

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- To be able to do a complete oral check, including needed radiographs, complementary exams and get the suitable clinical references.
- To be able to elaborate an initial diagnosis and establish a reasoned diagnosis strategy, being competent in recognizing situations which need urgent attention.
- To know and apply the basic treatment of the most usual dental pathology in patients of all ages. Therapeutic procedures should be based on the concept of minimal invasion and a global and integrated view of dental treatment.
- To know how to plan and make multidisciplinary treatments, sequential and integrated, with limited complexity in patients of all ages and condition, and in those who require special care.
- To suggest preventive measures suitable for each clinical situation.
- To get clinical experience under suitable supervision.

3.4.Importance of learning outcomes

It let students know and base in a scientific-practical way, restoring odontology principles.

Students will be able to diagnose, treat and predict restoring treatments demanded by their patients, trying, according to clinical possibilities, to achieve patient's expectations.

4.Evaluation

Students must show they have achieved the expected learning results in the following evaluation activities

- 1- Attendance to theoretical classes and/or clinical seminars (compulsory)
- 2- Valuation of Clinical Practices (60% of the final mark)
- 3- Practical test (40% of the final mark)

*** All the previous points must be passed individually**

5.Activities and resources

5.1.General methodological presentation

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This subject has a practical orientation, directed to the clinic with patients, so students will face real situations, the same as the ones they will find in the future as dentists but with the difference that during their formation, they will always be supervised by an experienced teacher.

5.2.Learning activities

The program offered to students to help them to achieve the expected results includes the following activities...

1- Theoretical classes and/or practical seminars:

5.3.Program

THEORETICAL PROGRAM

UNIT 1. Endodontics principles

UNIT 2. Pulp and periapical pathology: pulpitis, necrosis, apical periodontitis

UNIT 3. Instruments in Endodontics

UNIT 4. Diagnose in Endodontics

UNIT 5. Cavity opening

UNIT 6. Instrumentation of canal root

UNIT 7. Irrigation of canal root

UNIT 8. Filling of canal root

UNIT 9. Retreatment of endodontics failures

UNIT 10. Emergencies and endodontic pharmacology

UNIT 11. Endodontic surgery

UNIT 12. Complications and accidents in endodontics

UNIT 13. Restoring teeth with endodontic treatments.

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PRACTICAL CLASSES

- 1- Preparation before practices (repairing material, technical doubts about treatments, checking previous diagnose tests...) (30 minutes)
- 2- Clinical practice (patient's multidisciplinary treatment) (90 minutes)
- 3- Conclusions and doubts in agreement with the teacher (10 minutes)

5.4.Planning and scheduling

Calendar of face to face sessions and presentations of works

1 hour of theoretical classes a week (Monday 9.00- 10:00)

2 hours of practical seminars a week (Monday 10:00-11:00 and 17:00-18:00)

1,5 hour of clinical practice with patients a week (the class will be divided in 3 groups that will attend : Mondays 11:00-12:30, Monday 12:30-14:00 and Monday 18:00-19:30)

5.5.Bibliography and recommended resources

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