

29334 - Conservative Odontology IV

Syllabus Information

Academic Year: 2019/20

Subject: 29334 - Conservative Odontology IV

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

Degree: 442 - Degree in Odontology

ECTS: 6.0

Year: 4

Semester: Second semester

Subject Type: Compulsory

Module: ---

1.General information

1.1.Aims of the course

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.

1.2.Context and importance of this course 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.

1.3.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 8th November 2012 sesion , it is necessary to have passed Conservative Odontology I and II to study this subject (Conservative Odontology IV).

2.Learning goals

2.1.Competences

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

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
- 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.

2.2.Learning goals

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..
- 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.

2.3.Importance of learning goals

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.

3.Assessment (1st and 2nd call)

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

Students must show they have achieve 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**

4.Methodology, learning tasks, syllabus and resources

4.1.Methodological overview

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.

4.2.Learning tasks

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

THEORETICAL CLASSES

SEMINARS

CLINICAL PRACTICE

4.3.Syllabus

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.

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)

4.4.Course planning and calendar

Calendar of face to face sessions and presentations of works

1 hour of theoretical classes a week.

2 hours of practical seminaries a week.

1,5 hour of clinical practice with patients a week.

The week of 10-02-2020, practices will start in the Odontology Practices Service of Zaragoza University, and will last until 25-05-2020.

4.5.Bibliography and recommended resources