

## 29338 - Clinical Orthodontics

### Información del Plan Docente

Academic Year	2017/18
Faculty / School	229 - Facultad de Ciencias de la Salud y del Deporte
Degree	442 - Degree in Odontology
ECTS	6.0
Year	5
Semester	First semester
Subject Type	Compulsory
Module	---

### **1.General information**

#### **1.1.Introduction**

#### **1.2.Recommendations to take this course**

#### **1.3.Context and importance of this course in the degree**

#### **1.4.Activities and key dates**

### **2.Learning goals**

#### **2.1.Learning goals**

#### **2.2.Importance of learning goals**

### **3.Aims of the course and competences**

#### **3.1.Aims of the course**

#### **3.2.Competences**

### **4.Assessment (1st and 2nd call)**

#### **4.1.Assessment tasks (description of tasks, marking system and assessment criteria)**

### **5.Methodology, learning tasks, syllabus and resources**

#### **5.1.Methodological overview**

The learning process that is designed for this subject is based on the following:

Learning activities scheduled

##### **1. Attended class (24h)**

participative magisterial presentation of content through presentation and explanation of teacher with student dialogue. questions will be raised to establish Based Learning Problems, doubts will be resolved, etc.

Thematic exhibitions will be supported by diagrams and illustrations by PowerPoint presentations. This material will be

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provided to students through photocopies. In certain thematic blocks additional material will be provided and will encourage the realization of concept maps in order to achieve deeper learning.

### 2. Seminars, case presentations and guided work (13h)

seminars will be held, in the form of theoretical and practical workshops taught by the teacher or invited speakers to deepen topics of special interest.

Presentation of clinical cases by students

### 3. Practical sessions (22,5h)

Composed of a series of activities that combine individual work and teamwork. They will develop in the preclinical classroom. exercises and work done to be evaluated and will be a theoretical and practical test at the end of each module is presented. Attendance at practices is mandatory.

The student will make actual patient records, study models and cephalometric. a diagnostic and therapeutic simulation will. orthodontic wires are handled, preparing all the appliances used in clinic.

### 4. Self study

Distance student work, including information search, job preparation, clinical cases and proposed exercises, study and exam preparation.

### 5. Tutoring

Devoted to answer questions or provide specific bibliography of a specific topic in relation to the theoretical and practical contents of the subject. the proposed monitoring group work and individual correction work will be performed. The tutorial will take place both in classroom and non-classroom (via telematics via e-mail)

## 5.2.Learning tasks

The program that the student is offered to help you achieve the expected results includes the following activities ...

THEORETICAL CONTENTS

PRACTICAL CONTENTS

## 5.3.Syllabus

THEORETICAL CONTENTS

Thematic block I: Review in Orthodontics diagnostic.

\* Diagnostic Procedures

\* Integration diagnostic and treatment plan

Thematic Block II: orthodontic appliances

\* Removable Plates

\* Functional Devices

\* extraoral devices

\* dental braces cross action.

\* Multibrackets.

\* auxiliary devices on fixed bands.

Thematic Block III: Treatment of malocclusions

\* Transverse syndromes

\* Vertical syndromes

\* Sagittal syndromes

Block IV theme: Other aspects of the therapeutic orthodontic

\* Extractions in orthodontics

\* Interdisciplinary treatments

\* Treatment of adult patients

\* Emergencies in orthodontics

\* Plastic and lingual orthodontics

\* Retention in orthodontics

PRACTICAL CONTENTS

Module I: Diagnosis

\* Steiner and Ricketts Cephalometry

\* Orthopantomography in orthodontics

\* Photographic records in orthodontics

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Module II: Development of appliances

- \* Development of lingual arch and palatal bar
- \* Development of removable plate
- \* Basic practice on fixed orthodontic multibrackets.

### 5.4.Course planning and calendar

Schedule sessions and presentation of works

The schedule of practical sessions and dates for the defense of the work will be communicated at the beginning of the course.

Resources

Places where the subject will be taught

Theoretical classes : to be confirmed

Practical classes:

- Sessions in classroom: to be confirmed
- Laboratory sessions : Aula pre -clinical and laboratory classroom

### 5.5.Bibliography and recommended resources

- Proffit W. Contemporary Orthodontics. Mosby 5th edition; 2012.
- Canut JA. Ortoncia clínica y terapéutica. Madrid: Mason; 2001.
- Bravo LA. Manual de ortodoncia. Madrid:Ed Síntesis; 2003.