

29338 - Clinical Orthodontics

Syllabus Information

Academic Year: 2020/21

Subject: 29338 - Clinical Orthodontics

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.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 methodology followed in this course is oriented towards the achievement of the learning objectives. A wide range of teaching and learning tasks are implemented, such as lectures, seminars, practice sessions, autonomous work, and study and tutorials (on-line).

4.2.Learning tasks

This course is organized as follows:

1. **Lectures** (24h): The teacher will introduce theory contents (on-line) and students' participation will be promoted. Teacher explanations will be supported by diagrams and illustrations in PowerPoint presentations. This material will be provided to students through photocopies. In certain topic sections, 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. **Practice sessions** (22,5h): Composed of a series of activities that combine individual work and teamwork. They will develop on-line. Exercises and work done will be evaluated and there will be a theoretical and practical test at the end of each section. 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. **Autonomous work and study:** Student work, including information search, job preparation, clinical cases and proposed exercises, study and exam preparation.

5. **Tutorials:** Devoted to answer questions or provide a specific bibliography of a specific topic in relation to the theoretical and practical contents of the course. Tutorials will be held on-site or telematic via email.

4.3.Syllabus

This course will address the following topics:

Theory

Section I: Review in Orthodontics diagnostic.

? Diagnostic Procedures

? Integration diagnostic and treatment plan

Section II: orthodontic appliances

? Removable Plates

? Functional Devices

? extraoral devices

? dental braces cross action.

? Multibrackets.

? auxiliary devices on fixed bands.

Section 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

Practice

Section I: Diagnosis

? Steiner and Ricketts Cephalometry

? Orthopantomography in orthodontics

? Photographic records in orthodontics

Section II: Case reports.

? The objective is to carry out a correct diagnosis and treatment plan for the students.

4.4.Course planning and calendar

Further information concerning the timetable, classroom, office hours, assessment dates and other details regarding this course will be provided on the first day of class or please refer to the Faculty of Health and Sports Sciences website and Moodle.

4.5.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.