

## 29339 - Paediatric Odontology II

### Syllabus Information

**Academic year:** 2023/24

**Subject:** 29339 - Paediatric Odontology II

**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

This subject provides the theoretical and practical bases for the correct performance of the dentist with the paediatric patient.

Its objectives are:

- To motivate the child and their environment in the need for prevention, health promotion and dental treatment.
- To identify, prevent and treat possible sociocultural influences, family patterns and attitudes on children's oral health.
- To identify the influences of local factors, systemic diseases, psychic illnesses and/or emotional states on oral health and establish a correct prevention and health promotion.
- To identify and treat in an interdisciplinary and interprofessional manner the different pathologies that influence the correct development of the child's stomatognathic apparatus.
- To know, diagnose and treat occlusal pathologies in paediatric patients

These approaches and objectives are aligned with the following Sustainable Development Goals (SDGs) of the 2030 Agenda (<https://www.un.org/sustainabledevelopment/es/>), so that the acquisition of the learning results of the subject provides training and competence to contribute to some extent to their achievement: Goal 3: Health and wellness.

### 2. Learning results

- It includes the diagnostic methods and complementary tests necessary to diagnose the alterations of normal child development.
- Performs a correct care of the growing and developing child in a sequential, global and integrated way from the physical, psychological and social point of view.
- It includes the therapeutic methods necessary for the treatment of the most common paediatric dentistry pathologies.
- Develops adequate clinical experience in paediatric dentistry, in collaborative patients and patients of limited complexity

### 3. Syllabus

1. The child from conception to adolescence
2. Behaviour in the paediatric patient. Management of the child in the dental practice
3. Pulp pathology and pulp therapy in primary dentition
4. Pulp pathology and therapy in young permanent teeth
5. Treatment of large destructions
6. Dental trauma in childhood.
7. Extractions and space maintenance
8. Oral surgery in the paediatric patient.
9. Control of harmful oral habits in the paediatric patient
10. Pharmacology in children
11. Dental care for children with special needs.

### 4. Academic activities

**Participative master class:** the aim of the lecture is to introduce the student to the essential and most relevant topics of the subject.

During the presentation, dialogue will be encouraged through questions, problem-based learning, doubt solving.

**Seminars and case studies:** analysis of clinical cases that will allow the student to become familiar with the critical analysis of information and the reasoned decision making, based on the information acquired.

**Practical Classes** which will be developed in the clinic and aim at recognizing the peculiar characteristics of the oral and dental treatment of children and to learn the basic aspects of the management of children in the dental office **Group or individual work:** to reinforce self-learning

**Tutorials:** dedicated to solve doubts and provide bibliography and to follow up on group and individual work.

## 5. Assessment system

**Theoretical part** objective test of knowledge:

This objective test will have a value of 50% of the total of the subject

A written exam consisting of 5 essay questions worth 2 points each. It will be necessary to obtain 5 points out of a possible 10 to pass the test, bearing in mind that both the theoretical content, and the forms of expression of the topics developed will be evaluated, as well as the syntactic and orthographic expression of the writing.

**Practical part** - Performance of clinical practices

The following will be evaluated: skills in the diagnosis, planning and execution of treatments performed on patients in the Dental Practice Service the completion of a practice notebook, which should clearly show the concepts and skills learned, as well as visually (photographs and radiographs) the procedures performed in the dental practice service of the university.

Attendance to the clinical practices is mandatory to pass the subject.

This practical part will have a value of 50% of the total subject and in order to pass it is not only mandatory to attend the clinical practice with patients, but also to demonstrate to have acquired the theoretical knowledge and to have the ability to apply it in the treatment of patients.

**In order to pass the subject it is necessary to obtain at least a 5.0/10 in both parts (theoretical and practical)**