

## 29340 - Gerodontology and Treatment of Special Patients

### Syllabus Information

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**Academic Year:** 2020/21

**Subject:** 29340 - Gerodontology and Treatment of Special Patients

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

**Degree:** 442 - Degree in Odontology

**ECTS:** 7.0

**Year:** 5

**Semester:** Second 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 theory sessions, practice sessions, teamwork, and tutorials.

### 4.2.Learning tasks

This course is organized as follows:

- **Theory sessions.** During the exposition dialogue will be encouraged by asking questions, problem-based learning, resolving doubts, etc.
- **Practice sessions.** They will be developed in the Dental Clinic. After completing the course, students must submit a portfolio made during the implementation of the various proposed activities. Attendance at practice sessions and the presentation of the portfolio will be mandatory.
- **Teamwork.** Group work will include search and literature review, writing and oral presentation in class encouraging reflection and debate, a series of works that previously be reviewed in tutorials by the teacher.
- **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.

### 4.3.Syllabus

This course will address the following topics:

### **Theory**

- Medically-compromised patients concept. Risk assessment in the dental office. Patients with infectious diseases. Anxiety and stress.
- The patient with cardiovascular disease.
- Infectious endocarditis. Alterations of hemostasis. Patients receiving antiplatelet agents and anticoagulants.
- The cancer patient. Immunosuppressed patients. renal failure. Liver failure.
- The patient with respiratory, digestive and endocrine diseases. The pregnancy.
- The patient with mental and neurological disorders.
- Special patient child. concept, epidemiology and social context. Decreased sensory child patient. Dental Clinic adapted to deaf and blind child patients. Autism.
- Patients taking bisphosphonates.
- Principles anesthetic, sedation, general anesthesia in special patients. Situations of adverse reactions to local anesthetics.
- Introduction to gerodontology. biological changes caused by aging. Aging oral area.
- Systemic diseases in old age. Geriatric Pharmacology.
- Psychology in elderly patients.
- Gerodontology diagnosis.
- Caries in elderly patients. restorative and endodontic considerations.
- Periodontal disease in elderly patients.
- Pathology of the oral mucosa in old age. iatrogenic traumatic injuries.
- Bucodentarias infections in old age.
- Precancer and oral cancer in elderly patients.
- Restoration with implants in the elderly. oral implantology in the elderly.

### **Clinical practice**

They will be held in the Service Odontological Practices

## **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.

Degree website: <https://fccsyd.unizar.es/odontologia/grado-odontologia>.

## **4.5.Bibliography and recommended resources**

<http://psfunizar10.unizar.es/br13/egAsignaturas.php?codigo=29340&Identificador=13877>