

# 29329 - Oral Surgery II: Introduction to Implantology and Maxillofacial Surgery

## Syllabus Information

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**Academic Year:** 2020/21

**Subject:** 29329 - Oral Surgery II: Introduction to Implantology and Maxillofacial Surgery

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

**Degree:** 442 - Degree in Odontology

**ECTS:** 6.0

**Year:** 3

**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 lectures, preclinical practice sessions in laboratory, seminars and group assignments.

According to guidelines of the University of Zaragoza for the 2020/21 academic year, lectures will be carried out with teachers and students synchronously connected through technologies that allow interaction (ie. Google Meet) or previously recorded and made available to students in the corresponding course on the Moodle platform, mainly through links to recordings saved in a repository (ie. Google Drive). Relating to preclinical practice sessions in laboratory and/or seminars, given the exceptional situation of this academic year, they can be replaced by activities and resources in the course of the Moodle platform to be carried out by the student asynchronously.

### 4.2.Learning tasks

The learning activities include:

- Lectures
- Seminars
- Practices in preclinical laboratory
- Group assignments

- Online forum for discussions

### 4.3.Syllabus

The course will address the following topics:

#### Section 1. Introduction to Implantology

- Topic 1. Background. Bone-implant interface and surrounding tissues.
- Topic 2. Dental implant.
- Topic 3. Clinic history.
- Topic 4. Implant placement conditions. Prosthetic Considerations.
- Topic 5. Basic techniques of surgical implantation.
- Topic 6. Advanced surgical implantation techniques.
- Topic 7. Preprosthetic Surgery.
- Topic 8. Guided bone regeneration.
- Topic 9. Maintenance.
- Topic 10. Complications.

#### Section 2. Introduction to Oral and Maxillofacial Surgery

- Topic 1. Definition, Instrumental in Oral and Maxillofacial Surgery.
- Topic 2. Anatomy of the cranio-cervico-maxillofacial territory.
- Topic 3. Anesthesia in Oral and Maxillofacial Surgery.
- Topic 4. Cancer of the oral cavity. Etiopathogenesis. Precancerous injuries and conditions. Clinic. Diagnosis. Diagnosis differential. TNM classification. Multidisciplinary treatment. Prognostic factors. Benign and malignant tumors of the soft tissues of the oral cavity and the jaws.
- Topic 5. Non-tumor pathology of the salivary glands
- Topic 6. Tumor pathology of the salivary glands.
- Topic 7. Cranio-maxillo-facial trauma: General, emergency situations, examination of the traumatized. Soft tissue injuries.
- Topic 8. Maxillofacial trauma: Middle third fractures, jaw fractures. Upper third fractures.
- Topic 9. Congenital craniofacial malformations.

#### Laboratory sessions

- Exodontia techniques of included teeth (cordal and canine)
- Clinical history and exploration of the oro-cervico-maxillo-mandibular territory
- Splintages and blockages
- Biopsy
- Periapical surgery
- Handling of implant material
- Guided bone regeneration.

### 4.4.Course planning and calendar

The planning and schedule of this course are in <https://fccsyd.unizar.es/odontologia/grado-odontologia>

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

- Journal of Oral and Maxillofacial Surgery.
- The International journal of oral & maxillofacial implant. [Chicago, Ill. : Quintessence Pub. Co., c1986- [Regular publication]
- Raspall, Guillermo. Cirugía oral e implantología / Guillermo Raspall ; illustrated by Humberto Díaz Santana . 2ª ed. Buenos Aires [[etc.]d Médica Panamericana 2007
- Revista española de cirugía oral y maxilofacial [elecronic source] Barcelona : Elsevier España, 2010- [Regular publication]