

Academic Year/course: 2022/23

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

Syllabus Information

Academic Year: 2022/23

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

2. Learning goals

3. Assessment (1st and 2nd call)

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.

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/es/odontologia/grado-en-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

To consult the bibliography and recommended resources, you must access the *Recommended Bibliography* link.