

29342 - Odontological Otolaryngology

Syllabus Information

Academic year: 2024/25

Subject: 29342 - Odontological Otolaryngology

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

Degree: 442 - Degree in Odontology

ECTS: 3.0

Year: 3

Semester: Second semester

Subject type: Optional

Module:

1. General information

Otorhinolaryngology is a subject that represents one of the specialties with the most prevalent pathological processes in routine medical-surgical practice, both in adults and children.

In the field of Dentistry, the anatomical, functional and pathophysiological relationships between Dentistry and Otolaryngology, makes it essential to acquire the knowledge and skills that allow the dentist to solve the dental problems of the general population that may be related to Otorhinolaryngology.

The study of the subject aims to contribute to the prevention of dental diseases that may have their origin in the ear, nasal cavities and paranasal sinuses, pharynx, larynx and cervical-facial region.

2. Learning results

2.1.1. Competencies

Upon completion of the subject, the student will be able to:

- Prevent dental diseases that may be produced or facilitated by pathological situations of the ear, nasal cavities and paranasal sinuses, pharynx, larynx and the cervical-facial region.
- Acquire the criteria for early diagnosis of those processes that can compromise the otorhinolaryngological territories and that can manifest in the oral-dental space.
- Establish the appropriate criteria for the referral of the patient to a specialized medical care in the diagnosis and treatment of the pathological processes included in Otorhinolaryngology.
- Acquire the basic knowledge in the field of Otorhinolaryngology, which will enable and stimulate for the subsequent performance of care tasks in the pathological processes that cover both areas of knowledge.
- Know the most important problems in the investigation of pathological processes of the ear, nasal cavities and paranasal sinuses, pharynx, larynx and cervical-facial region, which can contribute to odontological and stomatological research.

2.2. Learning Results

In order to pass this subject, the students shall demonstrate they have acquired the following results:

1. Approximate the diagnosis of the most important pathological problems of the ear, nasal cavities, paranasal sinuses, pharynx, larynx and cervical-facial region, which may be related to Dentistry.
2. Establish, for each of the pathological processes studied, the criteria for referral to a specialized otorhinolaryngology centre.
3. Adapt the dental therapy to the existence of pathological processes of the ear, nasal cavity, paranasal sinuses, pharynx, larynx and cervical-facial region.

2.3. Importance of learning results

The aforementioned objectives are intended to train the student in the specific knowledge of the subject

This specific training must, in turn, integrate the general training of the current dentist and train the dentist of the future to assess and incorporate the new diagnostic and therapeutic procedures that will emerge in the evolution of the different areas of dental knowledge.

3. Syllabus

The subject is structured in 8 sessions for large groups lasting 1-2 hours:

- Topic 1: Clinical anatomy of the nasal fossa, paranasal sinuses, pharynx, larynx, ear and cervico-facial region.

- Topic 2: Physiology of hearing and balance. Hearing loss and vestibular syndromes.
- Topic 3: Nasal physiology. Nasosinusal and ear infections.
- Topic 4: Chronic inflammation of the airways: respiratory hyperreactivity and nasal-sinus polyposis. Obstructive sleep apnea syndrome
- Topic 5: Pharyngeal physiology. Acute and chronic infections of the pharynx and tonsils. Local and systemic complications.
- Topic 6: Pathology of the oral cavity
- Topic 7: Laryngeal physiology. Pathology of the vocal cords and phonation.
- Topic 8: Benign and malignant neoplasms in otorhinolaryngology.

4. Academic activities

The program offered to the student to help them achieve the expected results comprises the following activities:

- Teaching sessions to large groups: 15 hours.
- Problem solving and case studies (15 hours).
- Voluntary external internships (20 hours).
- Tutorials (2 hours)

The tutorials will be personal and face-to-face, requesting a date and time with the chosen teacher, and will take place during teaching/attendance working hours. The tutorials may be held online in case they cannot be held in person.

5. Assessment system

There will be **an evaluation exercise** that will refer to the different teaching sessions to large groups given throughout the academic year, which will be called, in accordance with current regulations. The evaluation exercise will consist of 24 multiple-choice questions with 4 answer options for each question. Correct answers will have a valuation of 1 point and incorrect answers will result in a penalty of 0.33 points with respect to the total of the grade of the exercise. **It will account for 80% of the total evaluation.**

During this same evaluation exercise, the students will be able to evaluate the degree to which they have taken advantage of the practical teaching by means of **a clinical case** that they should be able to solve. This clinical case will consist of a statement presenting the case accompanied by images of the physical examination or tests requested. After this, the student must answer a series of questions related to the same in a brief manner. The grade for this clinical case will be a maximum of **6 points**. This exercise **will account for 20% of the total** grade for the subject.

The total duration of the evaluation exercise will then be 60 minutes. The maximum grade for the subject (100%) in this way will be 30 points (24+6)

6. Sustainable Development Goals

3 - Good Health & Well-Being