

26770 - Surgical Specialties (Ophthalmology and Otolaryngology)

Syllabus Information

Academic year: 2024/25

Subject: 26770 - Surgical Specialties (Ophthalmology and Otolaryngology)

Faculty / School: 104 - Facultad de Medicina

Degree: 304 - Degree in Medicine

ECTS: 6.0

Year: 3

Semester: First semester

Subject type: Compulsory

Module:

1. General information

The objective is for students to acquire basic knowledge in the field of ophthalmology and otorhinolaryngology, which will enable and stimulate them for further specialization, as well as to contribute to the early diagnosis and treatment of the most frequent ophthalmologic and otorhinolaryngologic diseases, developing possible preventive measures.

Sustainable Development Goals (SDGs): We will collaborate in the **improvement of the quality of life at a global level in:**

- SDG 3: Health and wellness. Health will be improved by optimizing the training of future health professionals capable of carrying out efficient preventive actions and improving visual and otorhinolaryngological health.
- SDG 4: Quality Education. An education based on the acquisition of theoretical-practical contents and clinical competencies will be promoted.

2. Learning results

In the subject of Ophthalmology, the student, after having passed this specialty, must demonstrate the following results:

1. Correctly perform the anamnesis of patients and be able to adequately assess the basic ophthalmologic semiology of the most prevalent eye diseases.
2. Explain the general functioning of an Ophthalmology Service and know how to assess the type of relationships that should exist in these services between doctors, nurses, patients and family members.
3. Learn to behave properly in the operating room, knowing the techniques of asepsis and antisepsis. Recognize and understand the fundamentals of the most commonly used surgical techniques in the specialty.
4. Be able to solve clinical problems related to Ophthalmology, elementary clinical practice, visual acuity with optotypes, basic emergency care and criteria for care and referral.
5. The student will be able to establish the diagnosis, prognosis and treatment of the most prevalent ophthalmologic diseases.

In the subject of Otorhinolaryngology, the student, after having passed this specialty, must demonstrate the following results:

1. Perform a complete anamnesis of the pathological processes of the nasal cavities, paranasal sinuses, pharynx, larynx and cervical-facial region.
2. Perform an elementary exploration of these regions, interpreting the significance of the findings obtained.
3. Guide the diagnosis of the most important pathological problems of the ear, nasal cavities, paranasal sinuses, pharynx, larynx and cervical-facial region.
4. Establish, in each of the pathological processes studied, the criteria for referral to specialized care.
5. Indicate the most appropriate elementary therapy of the most frequent pathological processes.

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 physician and train the physician of the future, in order to incorporate the new diagnostic and therapeutic procedures that will emerge in the evolution of the different areas of medical knowledge.

3. Syllabus

OPHTHALMOLOGY:

Master classes:

- 1: Eyelids
- 2: Tear

- 3: Conjunctiva
- 4: Cornea
- 5: Ametropias
- 6: Crystalline
- 7: Glaucoma
- 8: Uvea
- 9: Retinopathy
- 10: Macula
- 11: Retinal detachment
- 12: Orbit
- 13: Visual way
- 14: Strabismus. Paediatric
- 15: Traumatology

Small group activities

Student self-study

OTORHINOLARYNGOLOGY

Master classes:

- 1: Nasal obstruction
- 2: Respiratory infection
- 3: Nasal hyperreactivity
- 4: Laryngoplasty
- 5: Sinusitis. Otitis
- 6: Serous otitis
- 7: Chronic otitis media
- 8: External ear
- 9: Acute pharyngeal infection
- 10: Chronic pharyngeal infection
- 11: Roncopathy
- 12: Neuro-muscular disorders
- 13: Neoplasms
- 14: Vertigo
- 15: Hearing loss

Small group activities

Student self-study

4. Academic activities

Master classes: 30 hours (15 h Ophthalmology and 15 h Otolaryngology)

Small group teaching (problem solving): 34 hours (17 h Ophthalmology and 17 h Otorhinolaryngology) Clinical practice (10 hours).

Tutorials (4 hours)

Assessment (2 hours)

Student work: 70 hours

5. Assessment system

IN EACH SUBJECT:

-Evaluation of teaching large groups: 80% of the grade. It will include 40 questions of the theoretical program, multiple choice (5 distractors answers and 1 valid). Incorrectly answered questions will subtract 0.25 of question in the subject of ophthalmology and 0.06 points in the subject of otorhinolaryngology. Unanswered questions will not be deducted from the grade. It is necessary to obtain 20 points to pass each subject and to average with the rest of the parts.

-Assessment of small group teaching: 20% of the grade It will be assessed through short questions and resolution of clinical cases . Concepts given in previous master classes may be asked in relation to the problem.

-Possibility of continuous evaluation: If it is done, it will be added to the final grade, with a maximum value of 0.6 points in each subject. The assessment will be carried out by means of questionnaires that will not be announced in advance, with the multiple choice format described previously.

-In both **Ophthalmology and Otorhinolaryngology**, the grade of the tests passed will be maintained for the second call.

OVERALL EVALUATION: To pass the subject it will be necessary to obtain half of the possible grade in each test (Ophthalmology and Otorhinolaryngology). The grade will be the average of grades obtained in both subjects.