Clinical Otorhinolaryngology

Code: 106692
ECTS Credits: 3

2025/2026

Degree	Type	Year
Medicine	OB	4

Contact

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Teachers

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Teaching groups languages

You can view this information at the end of this document.

Prerequisites

Sufficient knowledge about the foundations of health and disease, as well as an adequate level of knowledge in interpersonal communication, is important.

It is advisable to have previously acquired sufficient knowledge and competence in:

1. General anatomy of the different organs that constitute Otorhinolaryngology

2. General and specific physiology of different organs that constitute Otorhinolaryngology

3. General knowledge of histology and pathology elated to Otorhinolaryngology

The student will commit to preserving the confidentiality and professional secrecy of the data that they may access due to their learning in healthcare services. They will also maintain a professional ethical attitude in all their actions.

Objectives and Contextualisation

Its general objective is the study of the normal and pathological aspects of Otorhinolaryngology (ORL) in order to train the student to:

Identify the symptoms and signs of ORL diseases, properly interpreting basic complementary tests of the specialty (audiometry, electronystagmography, impedance testing).

Provide initial diagnostic guidance, particularly for the most common diseases.

Recognize alarm symptoms and signs that indicate the need for urgent attention, both at the onset and during the course of the disease.

Understand the etiology, clinical presentation, diagnosis, treatment, and prognosis of ORL diseases, with special emphasis on the most frequent ones, in both primary care and hospital settings.

Familiarize themselves with the ordered diagnostic sequence of ORL diseases, understand the process of differential diagnosis, and make rational use of specialty-specific investigations.

Perform a proper medical history and basic physical examination of ORL patients, as well as interpret basic complementary tests.

Understand the indications for medical and surgical treatments and obtain general information about the characteristics of an ORL patient in the operating room, outpatient clinics, and emergency settings.

Competences

- Accept one's role in actions to prevent or protect against diseases, injuries or accidents and to maintain and promote health, on both personal and community-wide levels.
- Demonstrate understanding of the causal agents and the risk factors that determine states of health and the progression of illnesses.
- Demonstrate understanding of the manifestations of the illness in the structure and function of the human body.
- Demonstrate understanding of the structure and function of the body systems of the normal human organism at different stages in life and in both sexes.
- Engage in professional practice with respect for patients' autonomy, beliefs and culture, and for other healthcare professionals, showing an aptitude for teamwork.
- Establish a diagnostic approach and a well thought-out strategy for action, taking account of the results of the anamnesis and the physical examination, and the results of the appropriate complementary tests carried out subsequently.
- Formulate hypotheses and compile and critically assess information for problem-solving, using the scientific method.
- Indicate the basic diagnosis techniques and procedures and analyse and interpret the results so as to better pinpoint the nature of the problems.
- Indicate the most suitable treatment for the most prevalent acute and chronic processes, and for the terminally ill.
- Maintain and sharpen one's professional competence, in particular by independently learning new material and techniques and by focusing on quality.
- Obtain and prepare a patient record that contains all important information and is structured and patient-centred, taking into account all age and gender groups and cultural, social and ethnic factors.
- Perform the basic practical procedures of examination and treatment.
- Recognise and take action in life-threatening situations and others that require an immediate response.
- Use information and communication technologies in professional practice.
- Write patient records and other medical documents that can be understood by third parties.

Learning Outcomes

1. Define the causal agents of ENT pathologies.
2. Demonstrate the basic instrumental skills required to treat ENT pathologies.
3. Describe the basics of the anatomy of the organs and systems in ENT.
4. Diagnose the commonest pathologies in laryngology and cervicofacial pathology.
5. Diagnose the commonest pathologies in otology.
6. Diagnose the commonest pathologies in rhinology.
7. Enumerate the public health regulations to prevent pathologies in the field of otorhinolaryngology (ENT).
8. Formulate hypotheses and compile and critically assess information for problem-solving, using the scientific method.
9. Identify pathological alterations in the organs and systems in ENT.
10. Identify the basic physiology of these organs and systems and describe their functions.
11. Identify the ENT pathologies that require an immediate response.
12. Identify the ENT pathologies that should be prioritised or referred to specialist care.
13. Indicate the medical treatment for each ENT pathology.
14. Interact with other specialists in treating patients with a complex or multiorganic pathology.
15. Maintain and sharpen one's professional competence, in particular by independently learning new material and techniques and by focusing on quality.
16. Perform a basic examination of the ear.
17. Perform a basic examination of the nasal cavity and paranasal sinuses.
18. Perform a basic examination of the oral cavity, larynx, pharynx and cervical structures.
19. Prepare a patient record that allows a diagnostic approach to the principal pathologies in ENT.
20. Prepare clinical reports that allow ENT pathologies and treatments to be understood by patients.
21. Promote public health regulations in professional practice.
22. Request and interpret the complementary tests needed to diagnose the different ENT pathologies.
23. Use information and communication technologies in professional practice.

Content

Theory (24 hours)

Topic 1. Introduction to Otorhinolaryngology (ORL). Pathology of the external ear.

Topic 2. Acute inflammatory pathology of the middle ear.

Topic 3. Chronic middle ear infections.

Topic 4. The intraotic facial nerve.

Topic 5. Non-suppurative conductive hearing loss.

Topic 6. Cochlear conditions.

Topic 7. Vertigo.

Topic 8. Trauma and tumors of the ear.

Topic 9. Pathology of the nasal pyramid and nasal septum. Trauma and epistaxis.

Topic 10. Acute and chronic rhinitis.

Topic 11. Acute and chronic sinusitis.

Topic 12. Nasosinus polyps. Disorders of smell.

Topic 13. Nasosinus tumors.

Topic 14. Inflammatory pathology of the pharynx.

Topic 15. Chronic snoring and obstructive sleep apnea-hypopnea syndrome (OSAHS).

Topic 16. Salivary gland pathology.

Topic 17. Acute and chronic laryngitis.

Topic 18. Trauma, stenosis, and paralysis of the larynx.

Topic 19. Dysphonia due to vocal misuse. Phoniatrics.

Topic 20. Head and neck cancer, general concepts. Pathology and tumors of the oral cavity.

Topic 21. Pharyngeal tumors.

Topic 22. Laryngeal tumors.

Topic 23. Cervical pathology.

Topic 24. Oropharyngeal dysphagia.

Classroom practices (8 hours)

1. Diagnosis of otalgia (ear pain).
2. Diagnosis of hearing loss.
3. Diagnosis of vertigo.
4. Diagnosis of nasal and sinus infections.
5. Diagnosis of odynophagia (painful swallowing).
6. Diagnosis of high upper airway obstruction.
7. Diagnosis of dysphonia.
8. Diagnosis of cervical masses.

Advanced clinical skills practice (1 hour)

Activities and Methodology

Title	Hours	ECTS	Learning Outcomes
Type: Directed			
ADVANCED CLINICAL SKILLS PRACTICES	1	0.04	2, 18, 17, 16
CLASSROOM PRACTICES	8	0.32	1, 3, 7, 8, 10, 9, 14, 15, 21, 19, 22, 23
THEORY	24	0.96	2, 4, 6, 5, 11, 12, 13
Type: Autonomous			
PERSONAL STUDY	14	0.56	1, 3, 4, 6, 5, 20, 7, 8, 10, 11, 12, 9, 13, 15, 21, 23

READING ARTICLES / REPORTS OF INTEREST	23	0.92	20, 8, 15, 23

This guide describes the framework, contents, methodology, and general rules of the course, in accordance with the current curriculum. The final organization of the course, including the number and size of groups, schedule distribution, exam dates, specific evaluation criteria, and exam review, will be determined by each Hospital Teaching Unit (HTU), which will provide explicit information on their websites and on the first day of class for each course through the responsible professors at the HTUs.

For this course, the professors appointed by the Departments as responsible for the course at the Faculty and HTU levels are:

Responsible Department(s): Surgery

Faculty Responsible: Miquel Quer

HTU Responsible:

HTU-SP: Miquel Quer: mquer@santpau.cat

HTU-VH: Juan Lorente Guerrero: jlorente@vhebron.net

HTU-GTiP: Emilio Amilibia Cabeza, eamilibia.germanstrias@gencat.cat

HTU-TP: Rosa Rosell: rrosell@tauli.cat

Exceptionally, and according to the responsible professors' criteria, available resources, and the health situation at each moment in the different HTUs, part of the content related to theoretical lectures, practical activities, and seminars may be delivered either in-person or virtually.

Note: 15 minutes of a class, within the established schedule by the institution/degree program, will be reserved for students to complete surveys evaluating the performance of the professors and the course/module.

- Educational Activities

Title	Weight	Hours	ECTS	Learning Outcomes
Type: Directed				
CLASSROOM PRACTICES (PAUL)		8	0,32	2, 7, 8, 9, 11, 16
ADVANCED CLINICAL SKILLS PRACTICE (PHCA)		1	0,04	10, 12, 13
THEORY (TE)		24	0,96	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23
Type: Self-directed				

PERSONAL STUDY	14	0,56	1, 2, 3, 4, 9, 11, 12, 15
READING ARTICLES / REPORTS OF INTEREST	24	0,96	

Annotation: Within the schedule set by the centre or degree programme, 15 minutes of one class will be reserved for students to evaluate their lecturers and their courses or modules through questionnaires.

Assessment

Continous Assessment Activities

Title	Weighting	Hours	ECTS	Learning Outcomes
Clinical cases	45%	2	0.08	1, 4, 6, 5, 20, 8, 11, 12, 9, 13, 14, 15, 19, 22, 23
Continuous assessment of assistance	10%	1	0.04	2, 18, 17, 16, 7, 8, 14, 15, 21, 19, 22, 23
Multiple choice questions	45%	2	0.08	1, 3, 4, 6, 5, 7, 8, 10, 11, 12, 9, 13, 21

Attendance at theory classes and/or classroom practices, evaluated in the way that each teaching unit considers most appropriate, will represent 10% of the total grade.

The programming of the evaluation activities will be carried out according to calendars.

For the theoretical part: 90%.

Two theoretical exams will be scheduled: one on clinical cases (45%) and another more theoretical with multiple choice items (45%). It is necessary that the grade obtained from each part is higher than 4 to realize the average.

According to the particularities of each Teaching Unit and subject, the seminars may be evaluated continuously. The continuous evaluation will be specified in the program of each UDH.

For the assistance part: 10%. This part will be assessed by three short answer written questions which will be asked at the end of the advanced clinical skills practice.

Final rating

The final grade will be the weighted sum of attendance at theory classes (10%), theoretical knowledge (90%).

The expression of the same will be a numerical grade with a decimal from 0 to 10. The qualitative qualification will be: suspension, approved, remarkable, excellent and matriculation of honor.

Final recovery test

The student who has not passed the theoretical partial exams may take the final remedial exam. The final recovery test will be a theoretical exam with multiple choice items, once the student has previously been evaluated in a set of activities whose weight is equivalent to a minimum of two thirds of the total qualification of the subject.

Qualification review procedure

The review of exams will be carried out individually with the student, upon written request within the established deadlines.

Students who do not take the theoretical evaluation tests will be considered as Not Evaluated exhausting their rights to enroll in the subject.

Evaluation activities

Título	Peso	Horas	ECTS	Resultados del aprendizaje
Evaluación continuada de la asistencia ya sea a las clases de teoría o a los seminarios de prácticas de aula, valorables según cada unidad docente	10%	1	0,04	7,8,9,10,11,12,13
Teoria: casos clínicos	45%	2	0,08	1,2,3,4,5,6,7,8,9,10, 11,12,13,14,15,16
Teoria: preguntes opción múltiple	45%	2	0,08	1,2,3,4,5,6,7,8,9,10, 11,12,13,14,15,16

This subject does not have a single evaluation system.

Bibliography

Specific bibliography

1. Abelló, Pere; Quer, Miquel. Manual d'oto-rino-laringologia. Bellaterra: Publicacions de la Universitat Autònoma de Barcelona, 1992.

2. Otorrinolaringología y patología cervicofacial. Ignacio Cobeta Marco (ed.). Barcelona: Ars Medica, cop. 2003.

3. Basterra Alegría, Jorge. Otorrinolaringología y patología cervicofacial: manual ilustrado. 2ª ed. Barcelona: Elsevier Masson, cop. 2015.

Reference bibliography

1. Tratado de otorrinolaringología y cirugía de cabeza y cuello. 2ª ed. Carlos Suárez Nieto (coord.). Buenos Aires: Editorial Médica Panamericana, 2015.

https://bibcercador.uab.cat/permalink/34CSUC_UAB/avjcib/alma991007038349706709

2. Bull, Tony R.; Almeyda, John S. Color atlas of ENT diagnosis. 5th ed. Stuttgart: Thieme, cop. 2009.

Internet resources

There are a variety of useful sites on the Internet for learning ENT, such as

http://www.seorl.net/

http://www.scorl.org/

http://www.orlevidencia.org/

http://www.library.nhs.uk/ENT/

Software

No specific program is required.

Groups and Languages

Please note that this information is provisional until 30 November 2025. You can check it through this link. To consult the language you will need to enter the CODE of the subject.