

**Clinical Placement: Ophthalmology and Ear, Nose
and Throat**

Code: 106718
ECTS Credits: 3

Degree	Type	Year	Semester
2502442 Medicine	OB	4	0

Contact

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Teaching groups languages

You can check it through this [link](#). To consult the language you will need to enter the CODE of the subject.
Please note that this information is provisional until 30 November 2023.

Teachers

Juan Lorente Guerrero

Miquel Quer Agusti

Francisco Javier Leon Vintro

Maria Rosa Rosell Ferrer

Cesar Jose Orus Dotu

José Gracia Martinez

Josep Ramon Anglada Escalona

Jaime Rigo Quera

Antonio Sabala Llopart

Albert Pujol Olmo

Carlos Cuesta Acero

Cristina Valero Mayor

Jesus Diaz Cascajosa

Emilio Amilibia Cabeza

Miguel Angel Zapata Victori

Zoraida del Campo Carrasco

Jose Ignacio Vela Segarra

Xavier Valldeperas Belmonte

Tirso Alonso Alonso

Prerequisites

Sufficient knowledge of the basics of health and disease states is desirable, as well as an adequate level of knowledge in interpersonal communication.

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

1. General and specific anatomy of the different organs that constitute otorhinolaryngology and ophthalmology
2. General and specific physiology of the different organs that constitute otorhinolaryngology and ophthalmology
3. General knowledge of histology and pathological anatomy related to otorhinolaryngology and ophthalmology

The student will acquire the commitment to preserve the confidentiality and professional secrecy of the data that he may have access to because of the learning in the healthcare services. Also in maintaining an attitude of professional ethics in all their actions.

Objectives and Contextualisation

The objectives of the subject are:

To give the student a general knowledge of the normal and pathological aspects of ophthalmology and otorhinolaryngology to enable the student to:

Identify the symptoms and signs of ophthalmological and otorhinolaryngological diseases, and properly interpret the basic complementary tests of ophthalmology (campimetry, optical coherence tomography, angiography, retinography, ultrasound) and otorhinolaryngology (audiometry, electronystagmography, impedanceometry).

The student must:

Familiarize with the ordered diagnostic sequence of ophthalmological and otorhinolaryngological diseases.

Participate in the differential diagnosis process, making rational use of the examinations specific to ophthalmology and otorhinolaryngology.

Deepen the knowledge acquired in theoretical classes on the newest aspects of both specialties or those related to other areas of the degree and which are dependent on being presented with iconographic material or audiovisual tools.

Take an adequate history and a basic examination of ophthalmological and otorhinolaryngological patients, as well as to interpret the basic complementary tests.

Obtain general information about the characteristics of an ophthalmological and otorhinolaryngological patient both in the operating room, as well as in the outpatient office and in emergencies.

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 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.

- Formulate hypotheses and compile and critically assess information for problem-solving, using the scientific method.
- 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.
- Use information and communication technologies in professional practice.

Learning Outcomes

1. Formulate hypotheses and compile and critically assess information for problem-solving, using the scientific method.
2. Identify the basic physiology of these organs and systems and describe their functions.
3. Indicate the medical treatment for each ENT pathology.
4. Interact with other specialists in treating patients with a complex or multiorganic pathology.
5. Maintain and sharpen one's professional competence, in particular by independently learning new material and techniques and by focusing on quality.
6. Promote public health regulations in professional practice.
7. Use information and communication technologies in professional practice.

Content

Care clinical practices (PCAh) in the ophthalmology service: 24 hours in 8 days

Vitreous-retinal operating room: 4 hours

Corneal and ocular surface operating room: 4 hours

Glaucoma operating room: 4 hours

Oculoplastic surgery: 4 hours

Retina outpatient consultations: 4 hours

Cornea outpatient consultations: 4 hours

Glaucoma outpatient consultations: 4 hours

Oculoplastic outpatient consultations: 4 hours

Care clinical practices (PCAh) in the otorhinolaryngology service: 24 hours in 8 days

Illumination in otorhinolaryngology. Front light Inspection of the external ear. Otoscopy. (2 hours).

Acumetry with tuning forks. audiometry Extraction of cerumen plugs (2 hours)

Anterior rhinoscopy. Nasal patency examination. How to place an anterior tamponade. (2 hours)

Examination of the oral cavity and pharynx. Indirect laryngoscopy. (2 hours)

Tracheotomy and coniotomy. Cervical palpation and low cranial pairs exploration. (2 hours)

Otology clinic (2 hours)

Rhinology clinic (2 hours)

Laryngology and cervical-facial pathology clinic (2 hours)

Otorhinolaryngology urgent visit dispensary (2 hours)

Otorhinolaryngology operating room (2 hours)

Dispensary in one of the Multidisciplinary Committees for therapeutic decisions (otorhinolaryngology tumors, otology, rhinology) (2 hours)

Otorhinolaryngology operating room (2 hours)

Methodology

This guide describes the framework, contents, methodology and general rules of the subject, in accordance with the current study plan. The final organization of the subject in terms of the number and size of groups, distribution in the calendar and exam dates, specific evaluation criteria and examination review, will be specified in each of the Hospital Teaching Units (UDH), which will explain this through their web pages and on the first day of class of each subject, through the professors responsible for the subject at the UDH.

For the current academic year, the professors designated by the Departments as responsible for the subject at Faculty and UDH level are:

Responsible department(s): Surgery

Ophthalmology service:

Head of Faculty: José García Arumí

Responsible UDH:

UDH Sant Pau: Zoraida del Campo Carrasco: zcampo@santpau.cat

UDH Vall D'Hebron: José Garcia-Arumí: jose.garciaarumi@vallhebron.cat

UDH Germans Trias i Pujol: Xavier Valldeperas Belmonte: xvalldeperas.germanstrias@gencat.cat

UDH Parc Taulí: Carlos Cuesta Acero: acero.cuesta@gmail.com

Otorhinolaryngology service:

Head of Faculty: Miquel Quer

Responsible UDH:

UDHSP: Miquel Quer Agustí: mquer@santpau.cat

UDHVVH: Juan Lorente Guerrero: jlorente@vhebron.net

UGHGTiP: Emilio Amilibia Cabeza: emilioamilibia@gmail.com

UDHPT: Rosa Rosell Ferrer: rosell@tauli.cat

Exceptionally and according to the criteria of the responsible teaching staff, the available resources and the health situation of each moment in the different Teaching Units, part of the content corresponding to the theoretical lessons, practicals and seminars may be taught face-to-face or virtually.

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.

Activities

Title	Hours	ECTS	Learning Outcomes
Type: Directed			
Clinical Care Practices	48	1.92	1, 2, 3, 4, 5, 6, 7
Type: Autonomous			
Personal study	12	0.48	1, 2, 3, 5, 6, 7
Reading articles and reports of interest	11	0.44	1, 2, 3, 5, 6, 7

Assessment

For the practical part: 100%

The evaluation of clinical-practical knowledge will be specified in the program of each UDH according to its particularities.

This subject does not provide the single assessment system.

Attendance at practices is mandatory.

The maximum number of unexcused absences allowed for each specialty (ophthalmology and otorhinolaryngology) in order to evaluate the skills acquired during practical clinical teaching is 2.

Any other absence must be justified. More than 4 absences for each specialty (ophthalmology and otorhinolaryngology), regardless of the cause, prevents the student from being assessed.

The acquired clinical skills that can be evaluated will be:

- Ophthalmology: ability to prepare a clinical history, ability to quantify visual acuity and training in the basic handling of the slit lamp.
- Otorhinolaryngology: ability to prepare a clinical history, ability to perform an otoscopy, use the frontal light, perform an anterior rhinoscopy and an examination of the oral cavity and oropharynx. Ability to do an acumetry.

Final qualification

The final grade will be the weighted sum of both attendance checks and practical assessments: ophthalmology (50%) and otorhinolaryngology (50%). It will not be possible to take the average between both evaluations if a minimum score of 4/10 is not obtained in both tests, even if the average grade is higher than 5. If it is not possible to take the average, the final grade will correspond to the value lowest quantitative among those obtained in the ophthalmology and otorhinolaryngology evaluations.

The expression of the same will be a numerical grade with a decimal from 0 to 10. The qualitative qualification will be: suspended, passed, notable, excellent and honors registration.

Assessment Activities

Title	Weighting	Hours	ECTS	Learning Outcomes
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Ophthalmology: Practices: Attendance control and practical assessment (clinical assessment)	50%	2	0.08	1, 2, 3, 4, 5, 6, 7
Otorhinolaryngology: Practices: Attendance control and practical assessment (clinical assessment)	50%	2	0.08	1, 2, 3, 4, 5, 6, 7

Bibliography

Ophthalmology

Specific bibliography

- Jack J Kanski. Clinical Ophthalmology. Spanish edition of the 6th edition of the original work in English Clinicalophthalmology. A systematic approach. 2009 Elsevier Spain. Barcelona DIGITAL EDITION 2021
https://bibcercador.uab.cat/permalink/34CSUC_UAB/1eqfv2p/alma991010357589806709
- Jack J Kanski. Clinical Diagnosis in Ophthalmology. Mosby Elsevier. Philadelphia 2006.
- Miron Yanoff & Jay S. Duker. Ophthalmology. Mosby Elsevier. 2009. PAPER EDITION 2019, 4TH EDITION
- Basic and Clinical Sciences Course. 12 Sections. American Academy of Ophthalmology. Elsevier Spain, 2008-2009. Barcelona
- Basic ophthalmology for medical students and primary care residents: supplement / American Academy of Ophthalmology ISBN 9788480863636. Barcelona : Elsevier, cop. 2009
- Clinical Ophthalmology Manual García Feijoo, Pablo Julvez. Elsevier 2012 DIGITAL AND PAPER EDITION 2012

https://bibcercador.uab.cat/permalink/34CSUC_UAB/1eqfv2p/alma991002484189706709

Reference bibliography

- Thomas T. Duane and Edward A. Jaeger. Clinical Ophthalmology. Harper & Row Publishers. Philadelphia.

Internet resources

<https://oftalmologos.org.ar/biblioteca/enlaces/imagenes>

<https://www.atlasophthalmology.net/frontpage.jsf?locale=en>

Otorhinolaryngology

Specific bibliography

- Abelló P, Quer M.: Manual of oto-rhino-laryngology. UAB publications. Bellaterra, 1992 PAPER EDITION 1992
- Cobeta I.: Otorhinolaryngology and Cervicofacial Pathology. Medicine STM Publishers. Barcelona, 2003 PAPER EDITION 2003
- Basterra J.: Otorhinolaryngology and Cervicofacial Pathology. Elsevier-Masson Publishing. Barcelona, 2004. PAPER EDITION 2015, 2nd EDITION

Reference bibliography

- Treatise on Otorhinolaryngology and Head and Neck Surgery (2nd Edition). Edited by C. Suárez, LM.Gil-Carcedo, J. Marco, J.E. Medina, P. Ortega, and J. Trinidad. Pan American Medical Publishing. Madrid, 2009 (ISBN 978-84-9835-079-1). 2015 DIGITAL EDITION, 2ND EDITION

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

- Color Atlas of ENT Diagnosis. 4th edition, revised and expanded. Tony R. Bull. Thieme Editorial. Stuttgart-New York. 2004

Internet resources

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

- <http://www.seorl.net/>
- <http://www.scorl.org/>
- <http://www.orlevidencia.org/>
- <http://www.library.nhs.uk/>

Software

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