

Teaching guide

IDENTIFICATION DETAILS

Degree:	Medicine		
Field of Knowledge:	Health Science		
Faculty/School:	Medicine		
Course:	OPHTHALMOLOGY		
Type:	Compulsory	ECTS credits:	4
Year:	4	Code:	2743
Teaching period:	Eighth semester		
Area:	Integrated Medical Surgical Pathology		
Module:	Human Clinical Training		
Teaching type:	Classroom-based		
Language:	Spanish		
Total number of student study hours:	100		

SUBJECT DESCRIPTION

La Oftalmología es una especialidad médico-quirúrgica que se encarga de la prevención, diagnóstico y tratamiento de las afecciones del aparato de la visión y es una de las especialidades de la Medicina que ha experimentado una mayor evolución y transformación en las últimas década.

La patología oftalmológica tiene en la actualidad un gran demanda y peso asistencial debido al envejecimiento de la población y representa un elevado porcentaje de la práctica clínica real tanto a nivel hospitalario como en los niveles de atención primaria y urgencias, por lo que un médico generalista debe tener los conocimientos necesarios para realizar un manejo adecuado del paciente oftalmológico.

La asignatura de Oftalmología por tanto contribuye a la formación del futuro médico de forma muy específica ya que es la única asignatura del Grado en Medicina donde se estudiarán las enfermedades oculares, su diagnóstico y su tratamiento. La asignatura se ha estructurado en una parte teórica y una parte práctica con los siguientes objetivos:

-En la parte teórica, se persigue la consecución de conocimientos profundos en las principales patologías oftalmológicas que debe tener un médico generalista. En ella se analizan los mecanismos patogénicos, las técnicas de diagnóstico, el diagnóstico diferencial y el tratamiento tanto médico como quirúrgico, con el fin de que el médico tenga un conocimiento de cuáles son las pautas de actuación tanto en el plano preventivo como en el de actuación terapéutica.

-En la parte práctica, se intenta que el alumno adquiera las habilidades y herramientas necesarias para reconocer las patologías más relevantes y realizar una primera orientación terapéutica adecuada a través de estancias clínicas hospitalarias en un servicio de Oftalmología y a través de seminarios prácticos centrados en la semiología, casos clínicos prácticos reales y reconocimiento de imágenes; así mismo se dedica una especial atención al manejo de la urgencia oftalmológica.

SKILLS

Basic Skills

Students must have demonstrated knowledge and understanding in an area of study that is founded on general secondary education. Moreover, the area of study is typically at a level that includes certain aspects implying knowledge at the forefront of its field of study, albeit supported by advanced textbooks

Students must be able to apply their knowledge to their work or vocation in a professional manner and possess skills that can typically be demonstrated by coming up with and sustaining arguments and solving problems within their field of study

Students must have the ability to gather and interpret relevant data (usually within their field of study) in order to make judgments that include reflections on pertinent social, scientific or ethical issues

Students must be able to convey information, ideas, problems and solutions to both an expert and non-expert audience

Students must have developed the learning skills needed to undertake further study with a high degree of independence

General Skills

To recognise the essential elements of the medical profession, including ethical principles, legal responsibilities and professional practice focussed on the patient. To acquire the values of professionalism:

- a. Altruism: looking for the best in patients.
- b. Responsibility: complying with the implicit agreement with the community.
- c. Excellence as a continuous search for knowledge.
- d. Obligation as a free commitment to serve.

- e. Honour and integrity: complying with personal and professional codes and undertaking not to breach them.
- f. Serving others.

To understand and recognise the causal agents and risk factors that determine health conditions and development of illness.

To understand the foundations underpinning action, indications and efficiency in therapeutic interventions based on the scientific evidence at hand.

To obtain and develop a medical record containing all relevant information.

To have the ability to prepare an initial diagnosis and to establish a rational diagnostic strategy.

To establish the diagnosis, prognosis and treatment, applying principles based on the best possible information and clinical safety conditions.

Specific skills

Ability to integrate theoretical and practical knowledge.

To know how to write records, reports, instructions and other registers in an understandable manner for patients, families and other professionals.

To recognise, diagnose and provide guidance in handling the main ophthalmological disorders.

To be familiar with pain transmission pathways and their various therapeutic options. To understand the surgical process as a whole, from preoperative evaluation and surgery with anaesthesia care to the postoperative period in the ICU. To manage patients with organ failure in these units.

DISTRIBUTION OF WORK TIME

CLASSROOM-BASED ACTIVITY	INDEPENDENT STUDY/OUT-OF-CLASSROOM ACTIVITY
63 hours	37 hours