

26776 - Locomotion Apparatus and Nefrourology

Syllabus Information

Academic year: 2024/25

Subject: 26776 - Locomotion Apparatus and Nefrourology

Faculty / School: 104 - Facultad de Medicina

Degree: 304 - Degree in Medicine

ECTS: 9.0

Year: 4

Semester: Second semester

Subject type: Compulsory

Module:

1. General information

Nephrology. Renal diseases, their causes and treatments, are essential in medical training ; as well as the main interactions between the kidney and other cardiovascular and endocrine organs.

Urology. Urinary tract and male genital diseases, their main causes and their treatment options are essential in medical education.

Rheumatology. Medical specialty of the locomotor system that deals with the prevention, diagnosis and treatment of musculoskeletal and systemic autoimmune diseases.

Traumatology and Orthopaedic Surgery. More than 1/4 of the pathology seen in primary care is traumatic or orthopaedic. The development of surgical techniques and social changes, such as the increase of life expectancy, have increased the importance of the specialty.

Common goal in line with the SDGs: Objective 4.4.

2. Learning results

Nephrology and Urology. To be able to establish the causes, diagnosis, prognosis and medical and/or surgical treatment of the main diseases of the Renal and Genitourinary System. The subject is divided into two areas, Medical (Nephrology) and Medical-Surgical (Urology). In these specialties, among other pathologies, there are some very prevalent ones, such as chronic kidney disease and prostate pathology , which generate a great demand in the current healthcare service.

Traumatology and Rheumatology. The objectives to be achieved are: To know the pathogenic mechanisms involved in the development of the main pathologies of the locomotor system and their relationship with systemic autoimmune diseases, in traumatic bone lesions and the medical manoeuvres and surgical techniques for their treatment. To perform diagnostic guidance by means of the appropriate evaluation of the usual complementary tests . To plan the most appropriate treatment to the clinical problem of the patients.

3. Syllabus

Nephrology. Theoretical class: 8 topics (15 hours) + 4 seminars covering clinical aspects and cases.

Urology. Theoretical class: 14 topics (14 hours of class) + 9 hours of seminars covering aspects and clinical cases + 6 hours of workshops to acquire various skills (probing and rectal examination).

Rheumatology. Theoretical class: 8 topics (8 hours of class) + 5 workshops covering aspects and clinical cases of the pathologies developed in the theoretical activity.

Traumatology. Classes: 16 of one hour. Clinical Seminars (12 hours) in small groups for the pathology of the Locomotor System. An immobilization workshop.

4. Academic activities

Personal tutoring upon request.

Nephrology. 2 ECTS: 22.5-23 hours between theoretical lectures and practical seminars.

Urology. 2.5 ECTS: 29 hours of lectures and practical seminars.

Rheumatology. 1.5 ECTS: 17 classroom hours between theoretical classes and 4 practical seminars (requires previous preparation of the student to improve their participation in the sessions).

Traumatology: 3 ECTS: 16 hours of theoretical classes + 12 hours of seminars (clinical cases by subgroups to be presented by students will be provided at ADD, **all students must know the case**) + an immobilization workshop.

5. Assessment system

Exams: they consist of questions with 5 possible answers, with only one correct answer, wrong answers are not subtracted

Practices and seminars are mandatory. The exams include questions on subjects taught in workshops.

Nephrology-Urology.

Urology: 25 questions (pass = 15 correct answers).

Nephrology: 25 questions (pass = 15 correct answers).

There is no compensation between blocks, having to pass each section separately. Nephrology-urology is half of the total grade of the subject (4.5 ECTS of the 9).

Rheumatology: 25 questions (pass = 15 correct answers). Attendance to the seminars is 20% of the final grade.

Traumatology: 60 questions (pass = 42 correct answers).

MANDATORY activities (workshops and seminars) account for 20% of the final grade, **must be done in the same academic year as the exam and ARE NOT SAVED FROM PREVIOUS ACADEMIC YEARS.** The maximum grade is 2 points of the final grade, **provided that the written exam has been passed.**

Those who do not attend 20% will have to take a clinical case test in the final exam.

The final grade will be weighted based on the credits in each area.

THERE IS NO COMPENSATION BETWEEN THE 4 AREAS, AND EACH OF THEM HAS TO BE APPROVED SEPARATELY.

6. Sustainable Development Goals

4 - Quality Education