M5: Introduction to the Study of Medicine. Study of the Structure and Function of the Human Body 3 (Year 2)

Knowledge Content
- Study the growth, maturation and ageing of the excretory and reproductive systems, the immune system, blood and the endocrine system.
- Understand homoeostasis.
- Study the adaptation to the environment.
- Develop basic laboratory techniques for handling laboratory materials.
- Understand embryogenesis and organogenesis.
- Recognize the morphology and structure of the tissue, organs and organ systems using macroscopic and microscopic methods and different imaging techniques.
- Perform functional testing, and determine and interpret vital parameters.
- Understand the main electrophysical techniques (ECG, EEG, EMG and others).

Competences
- Understand and recognize the structure and normal function of the human body—at the molecular, cellular, tissular, organic and systemic levels—during the life cycle and in both sexes.
- Understand and recognize the effects, mechanisms and manifestations of illness on the structure and function of the human body.
- Understand and recognize the effects of growth, development and ageing on the individual and his or her social environment.
- Know how to use information and communication technology in clinical, therapeutic, preventive and research activities.

Learning Methods
Problem-based learning tutorials (PBL)
PBL Question & Answer sessions
Laboratory Practice
Workshops
Lectures

Evaluation
Formative assessment
PBL examination
Other forms of assessment, when appropriate

ECTS Credits
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