

MEDICINE

Degree in Occupational Therapy

Code: 804160

Type of subject: Compulsory

Grade: Second

Quarter: first and second.

Department: Medicine **Credits:**
12 ECTS

TEACHING STAFF

Coordinator of the issue: Verdejo
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AGENDA

General

Lesson 1. Health and disease. Human response to disease. Manifestations of disease.

Lesson 2. The medical record.

Lesson 3 and 4: Different aspects of physical examination.

Lesson 5. Comprehensive patient care. Teamwork.

Lesson 6: Fundamental principles of bioethics.

Respiratory system

Lesson 7: Physiopathology of the respiratory system.

Lesson 8: Chronic obstructive pulmonary diseases.

Lesson 9: Bronchial asthma.

Lesson 10: Occupational lung diseases.

Lesson 11: Infections of the respiratory tract.

Lesson 12: Bronchopulmonary tumors

Lesson 13: Diseases of the pleura.

Lesson 14: Sleep apnea syndrome.

Cardiocirculatory system:

Lesson 15: Physiopathology of the circulatory system.

Lesson 16: Ischemic heart disease.

Lesson 17: Heart failure. Arrhythmias.

Lesson 18: Valvulopathies. Pathology of the pericardium.

Lesson 19: Arterial Hypertension.

Lesson 20: Arterial and venous pathology.

Digestive system

Lesson 21: Pathophysiology of the digestive system.

Lesson 22: Diseases of the esophagus, stomach, and duodenum.

Lesson 23: Diseases of the small intestine and colon.

Lesson 24: Physiopathology of the liver, biliary tract, and pancreas.

Lesson 25: Liver pathology.

Lesson 26: Diseases of the biliary tract.

Lesson 27: Diseases of the pancreas.

Metabolism and Nutrition

Lesson 28: Physiopathology of metabolism and nutrition.

Lesson 29: Nutritional diseases: obesity, malnutrition.

Lesson 30: Eating disorders. Anorexia nervosa and bulimia.

Endocrinology

Lesson 31: Physiopathology of the endocrine system.

Lesson 32: Diabetes Mellitus.

Lesson 33: Thyroid and parathyroid diseases.

Lesson 34: Pathology of the adrenal glands.

Osteoarticular system

Lesson 35: Physiopathology of the locomotor system.

Lesson 36: Rheumatoid arthritis (I).

Lesson 37: Rheumatoid arthritis (II).

Lesson 38: Seronegative arthropathies.

Lesson 39: Arthritis due to microcrystals, infectious and associated with other diseases.

Lesson 40: Degenerative arthropathy.

Lesson 41: Osteoporosis (I)

Lesson 42: Osteoporosis (II)

Lesson 43: Soft tissue pathology

Lesson 44: Collagenosis and vasculitis.

Nervous System

Lesson 45: Functional anatomy and neurologic pathology (I). Pathways and nerve centers

Lesson 46: Functional anatomy and neurologic pathology (II). Applied semiology.

Lesson 47: Altered level of consciousness. Coma.

Cerebrovascular disease. Cerebral ischemia.

Lesson 48: Epilepsies.

Lesson 49: Headaches.

Lesson 50: Infectious diseases of the nervous system.

Lesson 51: Cerebrovascular disease (I), Ischemic stroke.

Lesson 52: Cerebrovascular disease (II). Hemorrhagic stroke. Subarachnoid hemorrhage

Lesson 53: Extrapyramidal disease (I) Parkinson's disease and Parkinsonism's.

Lesson 54: Extrapyramidal disease (II). Korean. Other movement disorders.

Lesson 55: Degenerative diseases of the nervous central system. Dementias.

Lesson 56: Motor neuron disease. Amyotrophic Lateral Sclerosis.

Lesson 57: Demyelinating diseases. Multiple sclerosis.

Lesson 58: Diseases of the cerebellum.

Lesson 59: Non traumatic pathology of the spinal cord,

Lesson 60: Diseases of the peripheral nervous system. Neuropathies.

Lesson 61: Neuromuscular disease and neuromuscular junction pathology.

Lesson 62: Mental pathologies from systemic origin

Haematology

Lesson 63: Pathophysiology of blood.

Lesson 64: Anemias.

Lesson 65: Chronic myeloproliferative and lymphoproliferative syndromes.

Lesson 66: Multiple myeloma. Other monoclonal gammopathies.

Immunology

Lesson 67: Pathophysiology of immunity.

Lesson 68: A.I.D.S. Other immune disorders.

Urinary System

Lesson 69: Physiopathology of the urinary system.

Lesson 70: Acute and chronic renal failure. Dialysis.

Lesson 71: Urinary tract infections.

Organs of the Senses Topic

Lesson 72: Hearing pathology.

Lesson 73: Balance disorders.

Lesson 74: Vision disorders.

Oncology

Lesson 75: General principles of neoplastic diseases. **Lesson 76:** Oncologic pain.

Lesson 77: Terminal patient. Palliative care.

Pharmacology

Lesson 78: General principles of pharmacological treatment. Adverse drug reactions.

Toxicology

Lesson 79: General principles of toxic use.

Lesson 80: Alcoholism.

EVALUATION CRITERIA

Matter of each quarter:

- First quarter: from lesson 1 to lesson 44
- Second quarter: from lesson 45 to lesson 80.

Exams:

The first exam will include the lessons of the first quarter (from lesson 1 to 44) and the second exam will include the lessons of the second quarter (from lesson 45 to 80).

Partial eliminatory exams, consisting of 45 multiple-choice questions, with only one valid answer, without subtracting the failed questions.

As failed answers do not deduct points, it is considered that the student must take at least 55% of the questions (25 questions) to pass the exam

Students who pass the exams corresponding to the 2 quarters will have the subject passed, and the final grade will be the average between the 2 evaluations obtained in each exam.

Students who fail any of the 2 exams, they will have to be examined in the June call, must be presented only to the quarter that they have not approved. In case of passing in that call the pending quarters, will be assigned the score corresponding to the mean between the 2 scores obtained. Instead, the students who have not passed any of the quarterly exams in the call June, they will have the subject suspended in its entirety, having to present the course academic following the 2 exams scheduled during that course.

INTERNSHIPS / SEMINARS

The Medical Pathology practicals will consist of practical seminars, in which the main incapacitating pathologies, mainly of the nervous system, the osteoarticular apparatus and the sense organs, will be studied in depth.

Once the theory, presented in class, is known, different teaching methods will be combined, such as the presentation of clinical cases, video projections, discussion of frequent clinical problems, drawing up a care plan, etc.

The fundamental objective is to complement theoretical training with the application of acquired knowledge in clinical practice.

RECOMMENDED BIBLIOGRAPHY

- .- Brunner, L.S.; Suddarth, D.S., "Enfermería Médico Quirúrgica", Editorial Interamericana.
- .- Díaz-Rubio, M.; Espinós, D., "Medicina Interna", Editorial Panamericana.
- .- Farreras, P.; Rozman, C., "Medicina Interna", Editorial Doyma.
- .- García Conde, J.; Merino González, J.; González Macías, "Patología General", Editorial McGraw-Hill Interamericana.
- .- Harrison, "Principios de Medicina Interna", Editorial McGraw-Hill Interamericana.
- .- Laso, J., "Introducción a la Medicina Clínica. Fisiopatología y Semiología", Editorial Elsevier Masson

