

26016 - Surgical medical conditions II

Información del Plan Docente

Academic Year	2017/18
Faculty / School	127 - Facultad de Ciencias de la Salud
Degree	276 - Degree in Occupational Therapy
ECTS	9.0
Year	3
Semester	Annual
Subject Type	Compulsory
Module	---

1.General information

1.1.Introduction

1.2.Recommendations to take this course

1.3.Context and importance of this course in the degree

1.4.Activities and key dates

2.Learning goals

2.1.Learning goals

2.2.Importance of learning goals

3.Aims of the course and competences

3.1.Aims of the course

3.2.Competences

4.Assessment (1st and 2nd call)

4.1.Assessment tasks (description of tasks, marking system and assessment criteria)

5.Methodology, learning tasks, syllabus and resources

5.1.Methodological overview

The learning process that has been designed for this subject is based on the following:

The combination of theoretical classes in big group, practical classes in small groups, an individual o group project and special attention will be paid to personal study.

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5.2.Learning tasks

The program offered to students to help them achieve the expected results involves the following activities:

1: on-site theoretical classes in each group (50 hours) (learning outcome result 1, 2, 3) Explanation and orientation for the personal study of the different contents of the subject, aiming at the acquisition of competences and learning results.

2: theoretical-practical on-site seminars in groups (37.5 hours) (learning outcome result 4, 5)

Training on hypothetical scenario and resolution of problems both individually and in teams, using the theoretical bases of the subjects and the communicative exercise.

3: individual work (12, 5 hours) (learning outcome result 4)

It is aimed at the stimulation for the initiative and personal creativity, the use of bibliographical documental sources, the organization of a logical discourse and the searching and achievement of the concluding thesis.

4: Personal study (150 hours) (learning outcome results 1, 2, 3, 4, 5)

From the activities indicated the student must be responsible for the creation of schemes and structured working programs.

5.3.Syllabus

MEDICO-CHIRURGICAL AFFECTIONS II

BLOCK I

I. Medical-Surgical Respiratory System Disorders

Lesson 1. Bronchial pathology. Bronchitis. Bronchiectasis.

Lesson 2. Bronchial asthma

Lesson 3. Pneumonias.

Lesson 4. Pulmonary Tuberculosis.

Lesson 5. Pulmonary Hydatidosis.

Lesson 6. Pulmonary fibrosis.

Lesson 7. Cystic fibrosis.

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Lesson 8. Pulmonary emphisema. Chronic obstructive pulmonary disease (COPD)

Lesson 9. Lung cancer

Lesson 10. Respiratory insufficiency. Oxygen therapy.

II. Medical-Surgical Heart and Pericardium Disorders

Lesson 11. Ischemic cardiopathy. Coronary insufficiency.

Lesson 12. Pulmonary embolism.

Lesson 13. Cardiac insufficiency. Acute pulmonary oedema.

Lesson 14. Bacterial endocarditis.

Lesson 15. Cardiomyopathy. Pericarditis.

Lesson 16. Heart rhythm and conduction disorder.

Lesson 17. Congenital heart disease.

Lesson 18. Cardiac arrest. Cardiorespiratory resuscitation.

BLOCK II

III. Medical-Surgical Vascular System Disorders

Lesson 19. Arterial thrombosis and embolism.

Lesson 20. Ischaemia chronic syndrome. Arteriosclerosis.

Lesson 21. Venous thromboembolic disease.

Lesson 22. Malign lymphoma. Hodgkin disease.

IV. Hematologic pathology.

Lesson 23. Haemophilia.

Lesson 24. Leukaemia. Bone marrow transplant.

V. Digestive system disorder.

Lesson 25. Esophagus pathology.

Lesson 26. Stomach and intestine pathology.

Lesson 27. Liver and gall bladder pathology.

Lesson 28. Pancreatic pathology.

VI. Kidney pathology

Tema 29. Insuficiencia renal aguda y crónica.

Lesson 29. Acute and chronic kidney failure.

Tema 30. Hemodiálisis. Diálisis Peritoneal. Trasplante renal.

Lesson 30. Hemodialysis. Peritoneal dialysis. Kidney transplant.

VII. Injuries or trauma by physical agents

Lesson 31. Burns.

Lesson 32. Injuries induced by cold. Freezing cold injury.

Lesson 33. Injuries induced by ionizing radiation.

VIII. Endocrine system pathology.

Lesson 34. Thyroid gland disorder. Tumours.

Lesson 35. Pituitary and hypothalamus disorder.

Lesson 36. Suprarenal glands disorder.

Lesson 37. Diabetes. Alternative therapeutics.

IX. Miscellaneous

Lesson 38. AIDS. Therapeutics aspects

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Lesson 39. Breast cancer.

Lesson 40. Visual anomalies. Refractive Disorders. Cataract. Glaucoma

Lesson 41. Ear disorder. Otosclerosis. Professional deafness. Neoplasms. Meniere's disease.

Lesson 42. Larynx pathology. Larynx cancer. Tracheotomy.

SEMINARS PROGRAM MEDICO-CHIRURGICAL AFFECTIONS II

BLOCK I

SEMINAR 1. VITAL SIGNS.

SEMINAR 2. INTERSTITIAL FIBROSIS

SEMINAR 3. Congenital heart disease.

SEMINAR 4 .CPR BASIC LIFE SUPPORT (laboratory practice)(Psychiatric Nursing Department Classroom. Room B School of Medicine).

MODULO III BLOCK III

SEMINAR 5. IONIZING RADIATION

SEMINAR 6. LEUKAEMIA

SEMINAR 7 BURNS AND FROSTBITE INJURY

SEMINAR 8 DIABETES MELLITUS

SEMINARS 9 EAR AND VISUAL DISORDERS.

5.4.Course planning and calendar

Schedule of on-site sessions and projects presentation.

- Theoretical classes in the big group: 4/week in the two four- month period corresponding to modules 1 and 2, established by the school.

-Practical classes in small groups organized by the Centre: 2 /week /4 groups. The attendance is compulsory at 85% of them.

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- Individual project handing over: When finishing every theoretical Module (1, 3)

- Two theoretical mid-term exams that eliminate material (they contain material from the on-site classes and the theoretical-practical seminars) when every theoretical Block of the program (I and II) that coincides with the final of the teaching period of each Module has finished.

- Final theoretical exam of the whole subject (including the contents of the theoretical-practical seminars and on-site classes)

June- September: according to the official call of the Centre. NO MARKS FROM MID TERM EXAMS ARE KEPT FOR FOLLOWING CALLS (the project mark is maintained during the academic year).

5.5. Bibliography and recommended resources

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Compendio de cirugía / H. Durán Sacristán ... [et al.] Madrid, McGraw-Hill Interamericana, 2002

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Endocrinología básica y clínica de Greenspan. Editado por David G. Gardner, Dolores Shoback. 7ª ed. en español. México D. F., El Manual Moderno, 2008

Endocrinología pediátrica. M. Pombo, editor. 3ª ed. Aravaca (Madrid), McGraw-Hill Interamericana, 2002

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Manual de otorrinolaringología. Rafael Ramírez Camacho. 2ª ed. Madrid, McGraw- Hill. Interamericana, 2007

Manual para el cuidado de las quemaduras. Barcelona, ConvaTec, 2000

Medicina interna. Fundado por A. von Domarus ; continuado por P. Farreras Valentí ; director C. Rozman ; subdirector, F. Cardellach López. 17ª ed. Barcelona, Elsevier, 2012

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