

26769 - Medical Specialties (Hematology and Oncology)

Información del Plan Docente

Academic Year	2016/17
Academic center	104 - Facultad de Medicina
Degree	304 - Degree in Medicine
ECTS	6.0
Course	3
Period	First semester
Subject Type	Compulsory
Module	---

1.Basic info

1.1.Recommendations to take this course

1.2.Activities and key dates for the course

2.Initiation

2.1.Learning outcomes that define the subject

2.2.Introduction

3.Context and competences

3.1.Goals

3.2.Context and meaning of the subject in the degree

3.3.Competences

3.4.Importance of learning outcomes

4.Evaluation

5.Activities and resources

5.1.General methodological presentation

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

The subject is divided into 30 theoretical sessions of 1 hour and 30 teaching sessions to small groups of 1 hour.

Also teaching the subject should include 80.5 hours of learning at home .

The contents of the lectures will be based on a previously recommended bibliography I adapted to the level of knowledge of the student .

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5.2.Learning activities

The program that the student is offered to help him to achieve the expected results includes the following activities ...

Oncology

- Lectures (45%) 1.2 ECTS (30 hours)

-Large groups (45%), 0,6 ECTS (15 hours):

Theoretical

-Teaching small groups (45%), 0,6 ECTS (15 hours):

Seminars and Workshops

5.3.Program

Medical Oncology

- 1.-Epidemiology and prevention of cancer. Curability concept.
- 2.-Diagnosis and spread of cancer. Coordination in the diagnostic and therapeutic approach. clinical trials.
- 3.-General principles of cancer treatment. General aspects of medical treatment.
- 4.- Care Support: Complications and oncologic emergencies. Side effects of treatments.
- 5.- Diagnosis and treatment of pain in patients with cancer. Palliative medicine and terminal illness: Continuing Care. Quality of life.
- 6.-Diagnostic and therapeutic strategy of head and neck tumors and esophageal cancer. Primary and secondary prevention.
- 7.- Diagnostic and therapeutic strategy of lung cancer. Primary and secondary prevention.
- 8.-Diagnostic and therapeutic strategy for breast cancer. Primary and secondary prevention.
- 9.- Diagnostic and therapeutic strategy colorectal cancer. Anal cancer. Primary and secondary prevention.
- 10.- Diagnostic and therapeutic strategy of gastric cancer. Primary and secondary prevention. Other digestive tumors.
- 11.- Diagnostic and therapeutic strategy of urological malignancies. Primary and secondary prevention.

- 12.- Diagnostic and therapeutic strategy and gonadal germ neoplasms. Other genital tumors. Primary and secondary prevention.

Seminars and Workshops

- 1.Addressing a tumor of unknown origin

2. Interpretation of some tumor markers Tracking cancer patients

3. Approach of metastatic disease

4. Genetic counseling**Hematology**

- 1.-Iron deficiency anemia.
2. Anemias associated with chronic diseases

3. Megaloblastic anaemias
4. Hemolytic anemias
5. Marrow aplasia. Agranulocytosis
- 6.-Chronic Myeloproliferative Syndromes

7. Myelodysplastic Syndromes
8. Chronic Lymphoproliferative Syndromes
9. Myelomas
10. Lymphomas
11. Leukemias
- 12.- Idiopathic thrombocytopenic purpura
13. Hypocoagulability acquired.
- 14.- Circulating anticoagulants.

- 15.- Indications and adverse effects of blood and blood products
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Seminars and Workshops

1. Clinical evaluation of blood count. Management of patients with anemia / polycythemia, leukocytosis / thrombocytosis and neutropenia / thrombocytopenia.

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2. Evaluation of hemostasis. Interpretation of coagulation study. Thromboembolic prophylaxis and treatment. Management of patients with T.A.O.

3. Management of patients with lymphadenopathy and / or splenomegaly.

4. Patient to be sent to the hematologist.

5. Transplantation of hematopoietic progenitors

5.4.Planning and scheduling

5.5.Bibliography and recommended resources