

26769 - Medical Specialties (Hematology and Oncology)

Información del Plan Docente

Academic Year	2017/18
Faculty / School	104 - Facultad de Medicina
Degree	304 - Degree in Medicine
ECTS	6.0
Year	3
Semester	First semester
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 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 .

5.2.Learning tasks

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.Syllabus

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. - Approach to a tumor of unknown origin
- 2.- Interpretation of tumor markers. Biomarkers.
- 3.-Follow-up of patients with cancer. Long survivors.
- 4.- Approach to metastatic disease
- 5.- 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

Seminars and Workshops

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

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

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

4. Patient to be sent to the hematologist.

5. Transplantation of hematopoietic progenitors

5.4.Course planning and calendar

Calendar of face-to-face sessions and presentation of works

Lectures: 1 theoretical class / group during the appropriate period, in each subject.

Teaching of small groups: 60 hours spread over the school year in subgroups appropriate to the number of students.

5.5.Bibliography and recommended resources

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| BB | [HEMATOLOGÍA Y ONCOLOGÍA] -
Principios de medicina interna [19ª ed.] /
editores, Dennis L. Kasper... [et al.]. - 19ª
ed. México ; Madrid [etc.] : McGraw-Hill,
cop. 2016 |
| BB | [HEMATOLOGÍA] - Gómez Casal,
Francisco. Hematología : grado de
Medicina / Francisco Gómez Casal .
Zaragoza : Prensas de la Universidad de
Zaragoza, 2016 |

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- BB** [HEMATOLOGÍA] - San Miguel Izquierdo, Jesús F. Hematología: manual básico razonado / Jesús F. San Miguel, Fermín M. Sánchez-Guijo (sic) . 4ª ed. Amsterdam ; Barcelona ; Madrid [etc.] : Elsevier, 2015
- BB** [ONCOLOGÍA] - Chabner, Bruce A. Manual of oncology / Bruce A. Chabner, Dan L. Longo. 2nd ed. New York ; Madrid [etc.] : McGraw-Hill Education, cop. 2014
- BB** [ONCOLOGÍA] - Godman-Cecil. Godman-Cecil Medicine (Cecil Textbook of Medicine). 25ª Barcelona: Elsevier, 2015
- BB** [ONCOLOGÍA] - Medicine / edited by Lee Goldman, Andrew I. Schafer. 25th ed. Philadelphia, PA : Elsevier Saunders, cop. 2016
- BB** [ONCOLOGÍA] - Oncología clínica / editores, Juan J. Cruz Hernández, César A. Rodríguez Sánchez, Elvira del Barco Morillo . 5ª ed. Madrid : Aula Médica, D.L. 2011

LISTADO DE URLs:

European Society for Medical Oncology
[<http://www.esmo.org/Guidelines>]
Medscape
[<http://emedicine.medscape.com/>]
National Comprehensive Cancer Network
[http://www.nccn.org/professionals/physician_gls/f_guidelines.asp]
USF Health
[<http://www.clinicaloptions.com/inPractice/Resources/inpHandheld.aspx>]

LA BIBLIOGRAFÍA ACTUALIZADA DE LA ASIGNATURA SE CONSULTA A TRAVÉS DE LA PÁGINA WEB DE LA BIBLIOTECA

<http://psfunizar7.unizar.es/br13/eBuscar.php?tipo=a>