

Planning and Quality Assurance Affairs

Form (A)

Course Specifications

General Information

Course name	Hematology and Oncology
Course number	MDCN5214
Faculty	
Department	
Course type	Major Needs
Course level	5
Credit hours (theoretical)	2
Credit hours (practical)	0
Course Prerequisites	

Course Objectives

1	- be familiar with the diagnosis, evaluation, and management of hematologic malignancies
2	- recognize principles of new developments in biologic therapy of cancer
3	- recognize the latest advances in cancers of the lung, the breast, and the gastrointestinal tract
4	- Analyse and discuss issues related to diverse personal, disease and treatment characteristics and their potential impact on the cancer journey

Intended Learning Outcomes

Knowledge and Understanding	<ul style="list-style-type: none"> * understand red cell disorders * understand both established information and recent clinical advances in coagulopathies, anticoagulant and thrombolytic therapies * understand the most recent advances in the pharmacology and toxicology of anti-neoplastic drugs * understand the principles of management of gynecologic and other genito-urinary malignancies
General Skill	<ul style="list-style-type: none"> * Communicate ideas and arguments effectively

Course Contents

1	- Hemoglobinopathies and sickle cell disorders
2	- Classification of anemias
3	- Bone marrow failure syndromes
4	- Leukopenia and leukocytosis/ WBC disorders
5	- Lymph nodes disorders and lymphoma
6	- Tumour lysis syndrome and haematological emergencies
7	- Thrombophilias and antiphospholipid syndromes
8	- Acute leukemias and myelodysplastic syndromes
9	- Chemotherapeutic agents
10	- Febrile neutropenia

Teaching and Learning Methods

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| 1 - doctors lectures notes
2 - case scenario simulation of common clinical cases
3 - Bed-side teaching
4 - videos and simulation labs |
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Teaching and Learning Methods for the Disabled Students

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| 1 - Lectures
2 - Help each student according to his needs and his condition |
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Students Assessment

<u>Assessment Method</u>	<u>TIME</u>	<u>MARKS</u>
multiple choice exam	120	60
quizzes	15	30
case presentation	10	10

Books and References

Course note	doctors lectures notes
Essential books	Robbins and Cotran Pathologic basis of disease TENTH Edition Robbins and Cotran Pathologic basis of disease tenth Edition