



COURSE SPECIFICATION

Elective Course

(Hemoglobinopathies-HEM 610 HG)

Faculty of Medicine- Mansoura University

(A) Administrative information

(1) Programme offering the course.	Postgraduate Doctorate Degree of Clinical Hematology/HEMA 600
(2) Department offering the programme.	Internal Medicine Department
(3) Department responsible for teaching the course.	Hematology Unit
(4) Part of the programme.	second part
(5) Date of approval by the Department`s council	26/04/2016
(6) Date of last approval of programme specification by Faculty council	9/08/2016
(7) Course title.	Hemoglobinopathies
(8) Course code.	HEM 610 HG
(9) Total teaching hours.	30 hours
(10) Credit hours	2 Credit hours

(B) Professional information

(1) Course Aims:

To provide MD candidate with knowledge and essential skills to achieve effective diagnosis and treatment of wide range of hemoglobinopathies.

(2) Intended Learning Outcomes (ILOs):

A- Knowledge and Understanding:

A1: To classify hemoglobinopathies.

A2: To explain molecular and genetic basis of hemoglobinopathies.

A3: To identify mode of inheritance, genetic background and polymorphisms frequently encountered in different hematological diseases particularly hemoglobinopathies

A4: To illustrate different types of hemoglobinopathies including (Hb S, C, D and E).

B- Intellectual skills:

B1: To integrate etiology, epidemiology, natural history, diagnosis and treatment of hemoglobinopathies

(3) Course Contents (2 credit hours/30 teaching hours/theoretical):

Subjects	Lectures	Clinical and/or Laboratory	Total Teaching Hours
Classifications of Hemoglobinopathies	4.5		
Genetic mechanisms and molecular pathology	4.5		
Patterns of inheritance	3		
Beta chain disorders	3		
Alpha chain disorders	3		
Hb S disorders	3		
Hb C disorders	3		
Hb D disorders	3		
Hb E disorders	3		
	30h		2 credit hours

(4) Teaching methods:

4.1: Power point presentation.

4.2: Case discussion.

(5) Assessment methods:

Written and MCQ

Assessment schedule:

Final examination at the end of completion of the program according to the bylaw

Marks of each assessment

MCQ exam : 20 marks

Written exam: 80 marks

(6) References of the course:

6.1: Hand books: BETHESDA Hand book of Clinical Hematology, Hand book of Cancer Chemotherapy.

6.2: Text books: Essential Hematology, Manual of Clinical Hematology, Post Graduate Hematology, The Washington Manual Of Oncology, Williams' Hematology, Wintrob's Clinical Hematology, Hollan-Frei Cancer Medicine, DeVita Cancer Principles and Practice of Oncology

6.3: Journals: American Society of Hematology (ASH), European Hematology Association (EHA).

(7) Facilities and resources mandatory for course completion.

-Lecture Halls.

-Data show.

Course coordinator: Dr Mona Taalab

Head of Hematology Unit: Prof Mohamed Nasr Mabed

Head of the Internal Medicine Department: Prof. Dr. Salah Al-Gamal

Date of First Approval: 22/12/2010

Date of Last Approval: 26/04/2016