



**Alkindy College of Medicine**  
**MBCChB Program**  
**2016-2017**  
**General module 1/ Year 1**

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**Module co-coordinator: Dr.Aseel Sameer**



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## **VISION**

General Module shall be a fundamental and indispensable preparation for year-I students to applied and clinical relevant basic sciences .The students will adopt new modalities of teaching learning and assessment methodology.

## **MISSION**

Teaching this module in an innovative, multimodal delivery with inclusion of many interactive sessions are considered in achieving proposed outcome.



List of Lecturers:

	Lecturer	Discipline	e- mail
<b>Module Coordinator</b>			
	Dr. Hayder Sabah	Physiology	hayder.sabah@yahoo.com
<b>KMC Lecturers</b>			
	Dr. Insaf Jasim	Histology & embryology	
	Dr. Mohammed	Anatomy	
	Dr. Sabah Mahdi	physiology	sabahinf@yahoo.com
	Dr. Talib Saddam	physiology	Talib_almohsin@yahoo.com
	Dr. Raghad	Biochemistry	ragademadnaji@gmail.com
	Dr. Thaer Erhiyl	Biochemistry	albajjari@yahoo.com
	Dr. Hayder Sabah	physiology	hayder.sabah@yahoo.com



## **INTRODUCTION:**

This module will be taught in Year I MB CHB program. It extends along eight weeks in semester II. The General Module I will include general introduction of five main disciplines that are, Anatomy, Physiology and Biochemistry, Histology and Embryology with the main emphasis given to clinical relevant teaching of these basic sciences in an integrated fashion.

Besides the dedicated lectures and practical , students will be trained to prepare seminar presentations and given the opportunity to interact with lecturer in tutorials, the student will also have ample time to do Self Directed Learning(SDL)so as the students could discover knowledge and new experiences at their own pace, and use Computer aided learning (CAL). The teaching policy allows an overall view of basic science knowledge which prepares students for the clinical application of this knowledge.

Student's progress will be monitored through attitude assessment, progress test, log book and End Semester Examination. The students will also be required to give their feedback on the course delivery through an evaluation form.

The total assessment in the form of first professional examination will be done at the end of the year.



## **LEARNING OUTCOMES:**

### **(A) Knowledge:**

At the end of the module, the student shall be able to:

1. Describe the anatomical terms, general morphology and types of body sections regarding the upper limb and lower limb anatomy.
2. Describe the basic histology and general embryology.
3. Discuss the contribution of each organ system to maintain homeostasis and control systems of the human body in addition to physiology of nerve and muscle.
4. Discuss the structure, function, metabolism of carbohydrates, lipids, proteins, DNA structure and enzymes.

### **(B) Skills:**

At the end of the module, the student shall be able to:

1. Identify and locate all the structures of the body, Identify and locate the gross anatomy of different body regions and identify the histology of human tissues.
2. Conduct and perform blood pressure measurement and blood group and Rh estimation and body temperature .
3. Conduct conventional and updated methods of estimating lipid profile, enzymatic assay, estimating serum protein levels and serum glucose levels.

### **(C) Attitude:**

At the end of the module, the students should be able to:

1. Develop communication skills and etiquette with sense of responsibility.
2. To equip themselves for teamwork.

### **(D) Integration:**

At the end of the module, the students should be able to:

From the integrated teaching, the students shall be able to comprehend the regulation and integration of the structure and functions of the organs and systems ,regarding anatomy ,physiology, biochemistry, histology and embryology.



## **TEACHING LEARNING METHODS:**

The curriculum stresses on teaching of basic fundamentals of medical sciences through various methods and clinical correlation.

The following modes are employed:

1. Lectures
2. Seminar /Debate
3. Tutorial
4. Practical/DSL
5. SDL/Museum/CAL

### **1. Lecture:**

Lectures are a presentation of a particular topic at length in one hour by a lecturer.

### **Objective**

Upon completion of this session, the students should be able to:

1. Describe the anatomical terms, general morphology and anatomy of upper and lower limbs, general histology and embryogenesis.
2. Discuss the contribution of each organ system to maintain homeostasis and control systems of the human body in addition to muscle and nerve physiology.
3. Discuss the structure, function, metabolism of carbohydrates, lipids and protein biochemistry in addition to DNA structure and enzymes.