جدول محاضرات الطلبة (**مصری2/5) للعام الدراسي 2019/ 2020)**

***Group B-Cardiology Module***

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| **week** | **department** | **lecture** | **date** | **Media**  | **Lab****(1st hour)** | **Lab2****(2nd hour)** |
| **1** | **Anatomy**  | Anatomy of mediastinum | **Sun 22/9/2019****11.30-12.30** | **Histology**Histology of the heart | **Anatomy**Demonstration of mediastinum externalfeatures of the heart | **Anatomy** Demonstration of internal features of the heart |
| **Anatomy**  | Anatomy of heart | **Sun 22/9/2019****12.30-1.30** |
| **Histology**  | Histology of heart and vessels | **Wed 25/9/2019****12.30-1.30** |
| **2** | **Histology**  | Histology of conducting system | **Sun 29/9/2019****11.30-12.30** | **Physiology** Pace maker | **Histology**Microscopic identification of cardiac muscle | **Histology**Microscopic identification of blood vessels |
| **Physiology** | Electrical activity of the heart | **Sun 29/9/2019****12.30 - 1.30** |
| **Physiology** | Contractility | **Wed 2/10/2019** **11.30-12.30** |
| **3** | **Physiology** | Rhythmicity | **Sun 6/10/2019** **11.30-12.30** | **Cardiology**different lesions of cardiac valves | **Physiology**Cardiacycle | **Physiology**Cardiacycle |
| **Physiology** | Conductivity&Excitability | **Sun 6/10/2019** **12.30-1.30** |
| **Physiology** | Innervation of the heart | **Wed 9/10/2019****12.30-1.30** |
| **4** | **Physiology** | heart rate | **Sun13/9/2019****11.30-12.30** | **Anatomy** Course of pulmonary trunk, aorta | **Physiology**Normal heart sounds  | **Anatomy** Demonstration of the pulmonary trunk, aorta |
| **Physiology** | Cardiac output | **Sun13/9/2019** **12.30-1.30** |
| **Microbiology**  | Streptococcus pyogenes | **Wed 16/10/2019****12.30-1.30** |
| **5** | **Pediatric** | Rheumatic fever | **Sun20/10/2019****11.30-12.30** |  **Cardiology** Symptoms and signs present in common CVS diseases |  **Microbiology** Laboratory identification for Strept pyogenes | **Physiology**Jugular venous pulse |
| **Pathology**  | Rheumatic fever | **Sun20/10/2019****12.30-1.30** |
| **Microbiology** | Streptococcus viridians | **Wed 23/10/2019****12.30-1.30** |
| **6** | **cardiology** | Pericarditis & infective endocarditis | **Sun 27/10/2019****11.30-12.30** | **Microbiology**bacterial endocarditis | **Microbiology** Blood culture &Streptococcus viridians & Enterococci | **Cardiology**Diagnosis of different cardiovascular disorders |
| **Pathology**  | Infective endocarditis | **Sun 27/10/2019****12.30-1.30** |
| **Biochemistry**  | cholesterol | **Wed 30/10/2019****12.30-1.30** |
| **7** | **Biochemistry** | Chylomicrons & VLDL | **Sun 3/11/2019****11.30-12.30** | **Cardiology** Precordial Examination | **Physiology**ECG | **Physiology**ECG |
| **Anatomy**  | Coronary arteries | **Sun 3/11/2019****12.30-1.30** |
| **Physiology** | Coronary circulation | **Wed6/11/2019** **12.30-1.30** |
| **8** | **Cardiology** | Myocardial ischemia | **Sun 17/11/2019****11.30-12.30** | **Anatomy**Demonstration of the coronary arteries  | **Biochemistry**the role of LDL in cholesterol transport | **Biochemistry**HDL&cardiacmarkers  |
| **Pathology**  | Atherosclerosis &Myocardial infarction | **Sun 17/11/2019****12.30-1.30** |
| **Pharmacology**  | Fibrinolytic and antiplatelet drugs | **Wed 20/11/2019****12.30-1.30** |
| **week** | **department** | **lecture** | **date** | **Media**  | **Lab1****(1st hour)** | **Lab2****(2nd hour)** |
| **9** | **Pharmacology**  | Pharmacotherapy of ischemic heart disease | **Sun 24/11/2019****11.30-12.30** | **Biochemistry** Demonstration of lipoproteins & plasma lipids  | **Pharmacology**Pharmacotherapy of ischemic heart disease  | **Pharmacology**Pharmacotherapy of Fibrinolytic and antiplatelet |
| **Pharmacology**  | Pharmacotherapy of ischemic heart disease | **Sun 24/11/2019****12.30-1.30** |
| **Anatomy**  | Normal development of the heart | **Wed 27/11/2019****12.30-1.30** |
| **10** | **Anatomy**  | Congenital anomalies  | **Sun1/12/2019** **11.30-12.30** | **Toxicology**Toxicity of anticoagulants drugs | **Anatomy** Beginning, course and tributaries of brachiocephalic veins | AnatomyDemonstration of the brachiocephalic veins |
| **Physiology**  | Cardiac reserve & capillary circulation | **Sun1/12/2019** **12.30-1.30** |
| **Physiology**  | Venous circulation | **Wed4/12/2019** **12.30-1.30** |
| **11** | **Cardiology**  | Heart failure & shock | **Sun8/12/2019****11.30-12.30** | **Pathology**Practical jars | **Pathology**Case study | **Pathology**Case study |
| **Pharmacology** | Pharmacotherapy of heart failure | **Sun8/12/2019****12.30-1.30** |
| **Pharmacology** | Pharmacotherapy of heart failure | **Wed 11/12/2019****12.30-1.30** |
| **12** | **Toxicology** | Digitalis toxicity  | **Sun 15/12/2019****11.30-12.30** | **Radiology** Basics of heart X-ray and phy X-ray film of cardiac Pathology | **Pharmacology**Pharmacotherapy of heart failure & arrhythmia | P**harmacology**Pharmacotherapy of heart failure & arrhythmia |
| **Cardiology** | Diagnose various arrhythmias  | **Sun 15/12/2019****12.30-1.30** |
| **Pharmacology** | Pharmacotherapy of arrhythmia | **Wed 18/12/2019****12.30-1.30** |
| **13** | **Pharmacology** | Pharmacotherapy of arrhythmia | **Sun22/12/2019****11.30-12.30** | **pharmacology** Ex-pharm software  | **Physiology**ABP | **Physiology**ABP |
| **Anatomy**  | blood vessels of the upper limb | **Sun22/12/2019****12.30-1.30** |
| **Anatomy**  | blood vessels of the lower limb | **Wed25/12/2019** **12.30-1.30** |
| **14** | **Anatomy** | Normal development of the big arteries | **Sun 29/12/2019****11.30-12.30** | **Anatomy**Demonstration of the blood vessels of upper and lower limbs  | **Physiology**ABP | **Physiology**ABP |
| **Anatomy** | Congenital anomalies | **Sun 29/12/2019****11.30-12.30** |
| **Medicine**  | Hypertension | **Wed 1/1/2019****12.30-1.30** |
| **15** | **Pharmacology** | Pharmacotherapy of hypertension | **Sun 5/1/2019****11.30-12.30** | **Anatomy**congenital anomalies of heart | **Toxicology**Toxicology practical | **Pharmacology** Pharmacotherapy of hypertension |
| **Pharmacology** | Pharmacotherapy of hypertension | **Sun 5/1/2019****12.30-1.30** |
| **Toxicology**  | Toxicity of antihypertensive | **Wed 8/1/2019****12.30-1.30** |

**Module coordinator**

**Dr. Haidy Khattab**