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 external  features 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&  cardiac  markers |
| **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 | Anatomy  Demonstration 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**