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| **Week 1 - Cardiovascular block (Male - A)** |
| **Week (1) Starting : 02/03/2014 (01/05/1435H)** |
| **Normal Heart, Arrhythmias and Cardiac Cycle** |
| **CHAIR PERSON : Dr. Mona Soliman** |
| **CO-CHAIR : Dr. Hanan Baker** |
| **Sunday****02 March 2014** | **Monday****03 March 2014** | **Tuesday****04 March 2014** | **Wednesday****05 March 2014** | **Thursday****06 March 2014** |
| **8:00 – 9:00 am**Introduction for CardiovascularBlock**Dr. Sami Al Nassar** | **8:00 – 9:00 am**Self – directedLearning | **8:00 – 9:00 am**Cardiac cycle 1**(Physiology)****Prof. Sultan Ayoub Meo** | **8:00 – 9:00 am**Self – directedLearning | **8:00 – 9:00 am**Self – directedLearning |
| **9:00 – 10:00 am**Contractile mechanism in cardiac muscle**(Physiology)****Prof. Sultan Ayoub Meo** | **9:00 – 10:00 am**Self – directedLearning | **9:00 – 10:00 am**Development of the Heart**(Anatomy)****Prof. Abuelmakarem** | **9:00 – 10:00 am**Self – directedLearning | **9:00 – 10:00 am**Self – directedLearning |
| **10:00 – 11:00 am**Self – directedLearning | **10:00 – 11:00 am**Structure of the cardiac muscle**(Histology)****Dr. Aly Mohammed** | **10:00 – 11:00 am**Beta adrenergicBlockers**(Pharmacology)****Prof. AlHaider** | **10:00 – 11:00 am**The Electrocardiogram**(Physiology)****Prof. Sultan Ayoub Meo** | **10:00 – 11:00 am**Self – directedLearning |
| **11:00am – 12:00nn**Anatomy of the Heart**(Anatomy)****Dr. Mohammad Vohra** | **11:00am – 12:00nn**Cardiac electric activity**(Physiology)****Prof. Sultan Ayoub Meo** | **11:00am – 12:00nn**Cardiac cycle 2**(Physiology)****Prof. Sultan Ayoub Meo** | **11:00am – 12:00nn**Arrhythmias**(Physiology)****Prof. Sultan Ayoub Meo**  | **11:00am – 12:00nn**Self – directedLearning |
| **Lunch****12:00 – 1:00 pm** | **12:30 – 2:00 pm****S A L A M** | **Lunch****12:00 – 1:00 pm** | **Lunch****12:00 – 1:00 pm** | **Lunch****12:00 – 1:00 pm** |
| **1:00 – 3:00 pm****(Practical)**Anatomy of the heart**(Anatomy)****All Staff** | **1:00 – 3:00 pm****(Practical)**Histology of the cardiac muscle**(Histology)****All Staff** | **1:00 – 3:00 pm****(Practical)**The ElectrocardiogramECG**(Physiology)****All Staff** | **1:00 – 3:00 pm****S A L A M** |
| **2:00 – 3:00 pm**Self – directedLearning |

**LECTURE HALL - 1**

**NEW BUILDING LEVEL 1**

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| **Week 2 - Cardiovascular block (Male - A)** |
| **Week (2) Starting : 09/03/2014 (08/05/1435H)** |
| **Valve disease, The Heart as a Pump and heart failure** |
| **CHAIR PERSON : Dr. Mona Soliman** |
| **CO-CHAIR : Dr. Hanan Baker** |
| **Sunday****09 March 2014** | **Monday****10 March 2014** | **Tuesday****11 March 2014** | **Wednesday****12 March 2014** | **Thursday****13 March 2014** |
| **8:00 – 10:00 am****Problem-based** **Learning****Case 1 Tutorial 1** | **8:00 – 9:00 am**Self – directedLearning | **8:00 – 9:00 am**Stroke volume**(Physiology)****Prof. Tariq Ahmed** | **8:00 – 10:00 am****Problem-based** **Learning****Case 1 Tutorial 2** | **8:00 – 9:00 am**Drug theraphy for heart failure 2**(Pharmacology)****Prof. Almotrefi** |
| **9:00 – 10:00 am** Lactic acidosis**(Biochemistry)****Dr. Usman Ghani** | **9:00 – 10:00 am**Heart sounds & murmurs**(Physiology)****Prof. Sultan Ayoub Meo** | **9:00 – 10:00 am**Pathology & pathogenesis of ischemic heart diseases**(Pathology)****Dr. Hisham Alkhalidi** |
| **10:00 – 11:00 am**Antiarrhytmic drugs 1**(Pharmacology)****Prof. Almotrefi** | **10:00 – 11:00 am**Rheumatic heart disease**(Immunology)****Prof. Shakoor** | **10:00 – 11:00 am**Pathology of rheumatic fever, endocarditis & heart valves**(Pathology)****Prof. Ammar Al-Rikabi** | **10:00 – 11:00 am**Self – directedLearning | **10:00am – 12:00nn****(Practical)**The recording of Jugular venous & carotid arterial pressures**(Physiology)****All Staff** |
| **11:00am – 12:00nn**AntiarryhtmicDrugs 2**(Pharmacology)****Prof. Almotrefi** | **11:00am – 12:00nn**Microbiology of myocarditis & pericarditis**(Microbiology)****Dr. Ali Somily** | **11:00am – 12:00nn**Self – directedLearning | **11:00am – 12:00nn**Ineffective endocarditis**(Microbiology)****Prof. Abdelmageed Kambal** |
| **Lunch****12:00 – 1:00 pm** | **Lunch****12:00 – 1:00 pm** | **Lunch****12:00 – 1:00 pm** | **Lunch****12:00 – 1:00 pm** | **Lunch****12:00 – 1:00 pm** |
| **1:00 – 3:00 pm****(Practical)**Heart sounds**(Physiology)****All Staff** | **1:00 – 2:00 pm**Venous return & cardiac output**(Physiology)****Prof. Tariq Ahmed** | **1:00 – 2:00 pm**Risk factors & pathogenesis of atherosclerosis**(Pathology)****Dr. Hisham Alkhalidi** | **1:00 – 2:00 pm**Regulation of stroke volume (preload, contractility & afterload) & heart failure**(Physiology)****Prof. Tariq Ahmed** | **1:00 – 3:00 pm****S A L A M** |
| **2:00 – 3:00 pm**Self – directedLearning | **2:00 – 3:00 pm**Self – directedLearning | **2:00 – 3:00 pm**Drug theraphy for heart failure 1**(Pharmacology)****Prof. Almotrefi**  |

**LECTURE HALL - 1**

**NEW BUILDING LEVEL 1**

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| **Week 3 - Cardiovascular block (Male - A)** |
| **Week (3) Starting : 16/03/2014 (15/05/1435H)** |
| **Normal Blood Pressure and Hypertension** |
| **CHAIR PERSON : Dr. Mona Soliman** |
| **CO-CHAIR : Dr. Hanan Baker** |
| **Sunday****16 March 2014** | **Monday****17 March 2014** | **Tuesday****18 March 2014** | **Wednesday****19 March 2014** | **Thursday****20 March 2014** |
| **8:00 – 10:00 am****MIDBLOCK****EXAM** | **8:00 – 9:00 am**Self – directedLearning | **8:00 – 9:00 am**Regulation of blood pressure**(Physiology)****Prof. Tariq Ahmed** | **8:00 – 9:00 am**Self – directedLearning | **8:00 – 9:00 am**Self – directedLearning |
| **9:00 – 10:00 am** CholesterolMetabolism**(Biochemistry)****Dr. Usman Ghani** | **9:00 – 10:00 am**Pathology of thromboembolism**(Pathology)****Dr. Hisham Alkhalidi** | **9:00 – 10:00 am**Treatment of hypertension 1**(Pharmacology)****Prof. AlHaider** | **9:00 – 10:00 am**Self – directedLearning |
| **10:00 – 11:00 am**Self – directedLearning | **10:00 – 11:00 am**Anatomy of large blood vessels – veins**(Anatomy)****Dr. Khaleel Alyahya** | **10:00 – 12:00nn****(Practical)**Measurement of arterial blood pressure**(Physiology)** | **10:00 – 11:00 am** Treatment of hypertension 2**(Pharmacology)****Prof. AlHaider** | **10:00 – 12:00nn****(Practical)**Pathology of cardiovascular diseases 1**(Pathology)****Dr. Marie Mukhashin** **Dr. Hisham Alkhalidi** |
| **11:00am – 12:00nn** Self – directedLearning | **11:00am – 12:00nn**Arterial blood pressure**(Physiology)****Prof. Tariq Ahmed** | **11:00am – 12:00nn**Capillary circulation**(Physiology)****Prof. Tariq Ahmed**  |
| **Lunch****12:00 – 1:00 pm** | **Lunch****12:00 – 1:00 pm** | **Lunch****12:00 – 1:00 pm** | **Lunch****12:00 – 1:00 pm** | **Lunch****12:00 – 1:00 pm** |
| **1:00 – 2:00 pm**Anatomy of large blood vessels – arteries**(Anatomy)****Prof . Ahmed Fathalla**  | **1:00 – 2:00 pm**Pathology & pathogenesis of hypertension**(Pathology)****Dr. Hisham Alkhalidi** | **1:00 – 2:00 pm**Shock**(Physiology)****Prof. Tariq Ahmed** | **1:00 – 3:00 pm****(Practical)**Anatomy and histology of the major arteries and veins**(Anatomy & Histology)****All Staff** | **1:00 – 3:00 pm****S A L A M** |
| **2:00 – 3:00 pm**Histology of the blood vessels**(Histology)****Dr. Aly Mohammed** | **2:00 – 3:00 pm**Self – directedLearning | **2:00 – 3:00 pm**Self – directedLearning |

**LECTURE HALL - 1**

**NEW BUILDING LEVEL 1**

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| **Week 4 - Cardiovascular block (Male - A)** |
| **Week (4) Starting : 23/03/2014 (22/05/1435H)** |
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| **CHAIR PERSON : Dr. Mona Soliman** |
| **CO-CHAIR : Dr. Hanan Baker** |
| **Sunday****23 March 2014** | **Monday****24 March 2014** | **Tuesday****25 March 2014** | **Wednesday****26 March 2014** | **Thursday****27 March 2014** |
| **2nd Semester** **Vacation**  |

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| **Week 5 - Cardiovascular block (Male - A)** |
| **Week (5) Starting : 30/03/2014 (29/05/1435H)** |
| **Atherosclerosis and Myocardial Infarction** |
| **CHAIR PERSON : Dr. Mona Soliman** |
| **CO-CHAIR : Dr. Hanan Baker** |
| **Sunday****30 March 2014** | **Monday****31 March 2014** | **Tuesday****01 April 2014** | **Wednesday****02 April 2014** | **Thursday****03 April 2014** |
| **8:00 – 10:00 am****Problem-based** **Learning****Case 2 Tutorial 1** | **8:00 – 9:00 am**Lipoprotein & Atherosclerosis**(Biochemistry)****Dr. Amr Moustafa** | **8:00 – 10:00 am****Clinical Skills**History taking for cardiac disease & clinical examination of the cardiovascular system**Group A1** | **8:00 – 10:00 am****Problem-based** **Learning****Case 2 Tutorial 2** | **8:00 – 9:00 am**Antianginal drugs 1**(Pharmacology)****Dr.Osama Yousif** |
| **9:00 – 10:00 am** Pathology of vasculitis**(Pathology)****Dr. Hisham Alkhalidi** | **9:00 – 10:00 am**Antianginal drugs 2**(Pharmacology)****Dr. Osama Yousif** |
| **10:00 – 11:00 am**Anatomy of the arterial supply and venous drainage of the heart**(Anatomy)****Dr. Essam Salama** | **10:00 – 11:00 am**Drugs for hyperlipidemia 1**(Pharmacology)****Dr. Osama Yousif** | **10:00 – 12:00nn****Clinical Skills**History taking for cardiac disease & clinical examination of the cardiovascular system**Group A2** | **10:00 – 11:00 am**Thrombolytic theraphy**(Pharmacology)****Dr. Ishfaq Bukhari** | **10:00 – 11:00am**Self – directedLearning |
| **11:00am – 12:00nn** Self – directedLearning | **11:00am – 12:00nn**Drugs for hyper lipidemia 2**(Pharmacology)****Dr. Osama Yousif** | **11:00am – 12:00nn**Biochemical markers of myocardial infarction**(Biochemistry)****Dr. Usman Ghani** | **11:00am – 12:00nn** Self – directedLearning |
| **Lunch****12:00 – 1:00 pm** | **Lunch****12:00 – 1:00 pm** | **Lunch****12:00 – 1:00 pm** | **Lunch****12:00 – 1:00 pm** | **Lunch****12:00 – 1:00 pm** |
| **1:00 – 2:00 pm**Lipoprotein metabolism**(Biochemistry)****Dr. Amr Moustafa** | **1:00 – 2:00 pm**Coronary circulation**(Physiology)****Prof. Tariq Ahmed** | **1:00 – 3:00 pm****(Practical)**Pathology of cardiovascular diseases 2**(Pathology)****Dr. Marie Mukhashin Dr. Hisham Alkhalidi** | **1:00 – 2:00 pm**Oxidative stress**(Biochemistry)****Dr. Amr Moustafa** | **1:00 – 3:00 pm****S A L A M** |
| **2:00 – 3:00 pm**Self – directedLearning | **2:00 – 3:00 pm**Self – directedLearning | **2:00 – 3:00 pm**Self – directedLearning |

**Week 6 : Consolidation Week (06 April to 10 April 2013)**

**LECTURE HALL - 1**

**NEW BUILDING LEVEL 1**