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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 Cardiovascular  Block  **Dr. Sami Al Nassar** | **8:00 – 9:00 am**  Self – directed  Learning | **8:00 – 9:00 am**  Cardiac cycle 1  **(Physiology)**  **Prof. Sultan Ayoub Meo** | **8:00 – 9:00 am**  Self – directed  Learning | **8:00 – 9:00 am**  Self – directed  Learning |
| **9:00 – 10:00 am**  Contractile mechanism in cardiac muscle  **(Physiology)**  **Prof. Sultan Ayoub Meo** | **9:00 – 10:00 am**  Self – directed  Learning | **9:00 – 10:00 am**  Development of the Heart  **(Anatomy)**  **Prof. Abuelmakarem** | **9:00 – 10:00 am**  Self – directed  Learning | **9:00 – 10:00 am**  Self – directed  Learning |
| **10:00 – 11:00 am**  Self – directed  Learning | **10:00 – 11:00 am**  Structure of the cardiac muscle  **(Histology)**  **Dr. Aly Mohammed** | **10:00 – 11:00 am**  Beta adrenergic  Blockers  **(Pharmacology)**  **Prof. AlHaider** | **10:00 – 11:00 am**  The Electrocardiogram  **(Physiology)**  **Prof. Sultan Ayoub Meo** | **10:00 – 11:00 am**  Self – directed  Learning |
| **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 – directed  Learning |
| **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 Electrocardiogram  ECG  **(Physiology)**  **All Staff** | **1:00 – 3:00 pm**    **S A L A M** |
| **2:00 – 3:00 pm**  Self – directed  Learning |

**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 – directed  Learning | **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 – directed  Learning | **10:00am – 12:00nn**  **(Practical)**  The recording of Jugular venous & carotid arterial pressures  **(Physiology)**  **All Staff** |
| **11:00am – 12:00nn**  Antiarryhtmic  Drugs 2  **(Pharmacology)**  **Prof. Almotrefi** | **11:00am – 12:00nn**  Microbiology of myocarditis & pericarditis  **(Microbiology)**  **Dr. Ali Somily** | **11:00am – 12:00nn**  Self – directed  Learning | **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 – directed  Learning | **2:00 – 3:00 pm**  Self – directed  Learning | **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 – directed  Learning | **8:00 – 9:00 am**  Regulation of blood pressure  **(Physiology)**  **Prof. Tariq Ahmed** | **8:00 – 9:00 am**  Self – directed  Learning | **8:00 – 9:00 am**  Self – directed  Learning |
| **9:00 – 10:00 am**  Cholesterol  Metabolism  **(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 – directed  Learning |
| **10:00 – 11:00 am**  Self – directed  Learning | **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 – directed  Learning | **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 – directed  Learning | **2:00 – 3:00 pm**  Self – directed  Learning |

**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 – directed  Learning |
| **11:00am – 12:00nn**    Self – directed  Learning | **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 – directed  Learning |
| **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 – directed  Learning | **2:00 – 3:00 pm**  Self – directed  Learning | **2:00 – 3:00 pm**  Self – directed  Learning |

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

**LECTURE HALL - 1**

**NEW BUILDING LEVEL 1**