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| **Week 1 - Cardiovascular block (Male - A)** |
| **Week (1) Starting : 01/03/2015 to 05/03/2015 (10/05/1436 to 14/05/1436H)** |
| **Normal Heart, Arrhythmias and Cardiac Cycle** |
| **CHAIR PERSON : Dr. Mona Soliman** |
| **CO-CHAIR : Dr. Hanan Baker** |
| **Sunday****01 March 2015** | **Monday****02 March 2015** | **Tuesday****03 March 2015** | **Wednesday****04 March 2015** | **Thursday****05 March 2015** |
| **8:00 – 9:00 am**Contractile mechanism in cardiac muscle**(Physiology)****Dr. Ahmed Alshafie** | **8:00 – 9:00 am**Cardiac cycle 1**(Physiology)****Dr. Ahmed Alshafie** | **8:00 – 9:00 am**The Electrocardiogram**(Physiology)****Dr. Ahmed Alshafie** | **8:00 – 9:00 am**Beta adrenergicBlockers**(Pharmacology)****Prof. AlHaider** | **8:00 – 9:00 am**Development of the Heart**(Anatomy)****Prof. Saeed Abuelmakarem** |
| **9:00 – 10:00 am**Anatomy of the Heart**(Anatomy)****Dr. Mohammed Vohra** | **9:00 – 10:00 am** Cardiac cycle 2**(Physiology)****Dr. Ahmed Alshafie** | **9:00 – 10:00 am**Cardiac electric activity**(Physiology)****Dr. Ahmed Alshafie** | **9:00 – 10:00 am**Alpha adrenergic blockers & symphatolytics**(Pharmacology)****Prof. AlHaider** | **9:00 – 10:00 am**Self – directedLearning |
| **10:00 – 11:00 am**Structure of the cardiac muscle**(Histology)****Dr. Aly Mohammed** | **10:00 – 11:00 am**Self – directedLearning | **10:00 – 11:00 am**Arrhythmias**(Cardiac Science Department)****Dr. Ahmed Alhersi** | **10:00 – 11:00 am**Self – directedLearning | **10:00 – 11:00 am**Antiarrhytmic drugs 1**(Pharmacology)****Prof. Almotrefi** |
| **11:00am – 12:00nn**Self – directedLearning | **11:00am – 12:00nn**Self – directedLearning | **11:00am – 12:00nn**Self – directedLearning | **11:00am – 12:00nn**Self – directedLearning | **11:00am – 12:00nn**AntiarryhtmicDrugs 2**(Pharmacology)****Prof. Almotrefi**  |
| **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)**Anatomy of the heart**(Anatomy)****All Staff** | **1:00 – 2:00 pm**Self – directedLearning | **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 : 08/03/2015 to 12/03/2015 (17/05/1436 to 21/05/1436H))** |
| **Valve disease, The Heart as a Pump and heart failure** |
| **CHAIR PERSON : Dr. Mona Soliman** |
| **CO-CHAIR : Dr. Hanan Baker** |
| **Sunday****08 March 2015** | **Monday****09 March 2015** | **Tuesday****10 March 2015** | **Wednesday** **11 March 2015** | **Thursday****12 March 2015** |
| **8:00 – 10:00 am****Problem-based** **Learning****Case 1 Tutorial 1** | **8:00 – 9:00 am**Rheumatic heart disease**(Immunology)****Prof. Adel Almogren** | **8:00 – 9:00 am**Stroke volume**(Physiology)****Dr. Ahmed Alshafie** | **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** Microbiology of myocarditis & pericarditis**(Microbiology)****Dr. Ali Somily** | **9:00 – 10:00 am**Heart sounds & murmurs**(Physiology)****Dr. Ahmed Alshafie** | **9:00 – 10:00 am**Pathology & pathogenesis of ischemic heart diseases**(Pathology)****Dr. Hisham Alkhalidi** |
| **10:00 – 11:00 am**Self – directedLearning | **10:00 – 11:00 am**Pathology of rheumatic fever, endocarditis & heart valves**(Pathology)****Prof. Ammar Al-Rikabi** | **10:00 – 11:00 am**Self – directedLearning | **10:00 – 11:00 am**Regulation of stroke volume (preload, contractility & afterload) & heart failure**(Physiology)****Dr. Ahmed Alshafie** | **10:00am – 12:00nn****(Practical)**The recording of Jugular venous & carotid arterial pressures**(Physiology)****All Staff** |
| **11:00am – 12:00nn**Lactic acidosis**(Biochemistry)****Dr. Usman Ghani** | **11:00am – 12:00nn**Self – directedLearning | **11:00am – 12:00nn**Risk factors & pathogenesis of atherosclerosis**(Pathology)****Dr. Hisham Alkhalidi** | **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 – 2:00 pm**Self – directedLearning | **1:00 – 2:00 pm**Venous return & cardiac output**(Physiology)****Dr. Ahmed Alshafie** | **1:00 – 3:00 pm****(Practical)**Heart sounds**(Physiology)****All Staff** | **1:00 – 2:00 pm**Drug theraphy for heart failure 1**(Pharmacology)****Prof. Almotrefi** | **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  |

**LECTURE HALL - 1**

**NEW BUILDING LEVEL 1**

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| **Week 3 - Cardiovascular block (Male - A)** |
| **Week (3) Starting : 15/03/2015 19/03/2015 (24/05/1436 to 28/05/1436H))** |
| **Normal Blood Pressure and Hypertension** |
| **CHAIR PERSON : Dr. Mona Soliman** |
| **CO-CHAIR : Dr. Hanan Baker** |
| **Sunday****15 March 2015** | **Monday****16 March 2015** | **Tuesday****17 March 2015** | **Wednesday****18 March 2015** | **Thursday****19 March 2015** |
| **8:00 – 9:00 am**Anatomy of large blood vessels – arteries**(Anatomy)****Prof . Ahmed Fathalla**  | **8:00 – 9:00 am**CholesterolMetabolism**(Biochemistry)****Dr. Usman Ghani** | **8:00 – 9:00 am**Regulation of blood pressure**(Physiology)****Dr. Ahmed Alshafie** | **8:00 – 9:00 am**Self – directedLearning | **8:00 – 9:00 am**Self – directedLearning |
| **9:00 – 10:00 am** Histology of the blood vessels**(Histology)****Dr. Aly Mohammed** | **9:00 – 10:00 am** Self – directedLearning | **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**Shock**(Physiology)****Dr. Ahmed Alshafie** |
| **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** Arterial blood pressure**(Physiology)****Dr. Ahmed Alshafie** | **11:00am – 12:00nn**Pathology & pathogenesis of hypertension**(Pathology)****Dr. Hisham Alkhalidi** | **11:00am – 12:00nn**Capillary circulation**(Physiology)****Dr. Ahmed Alshafie** |
| **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**Self – directedLearning | **1:00 – 2:00 pm**Self – directedLearning | **1:00 – 2:00 pm**Self – directedLearning | **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**Self – directedLearning | **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 : 22/03/2015 to 26/03/2015 (02/06/1436 to 06/06/1436H)** |
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| **CHAIR PERSON : Dr. Mona Soliman** |
| **CO-CHAIR : Dr. Hanan Baker** |
| **Sunday****22 March 2015** | **Monday****23 March 2015** | **Tuesday****24 March 2015** | **Wednesday****25 March 2015** | **Thursday****26 March 2015** |
| **2nd Semester** **Vacation**  |

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| **Week 5 - Cardiovascular block (Male - A)** |
| **Week (5) Starting : 29/03/2015 to 02/04/2015 (09/06/1436 to 14/06/1436H)** |
| **Atherosclerosis and Myocardial Infarction** |
| **CHAIR PERSON : Dr. Mona Soliman** |
| **CO-CHAIR : Dr. Hanan Baker** |
| **Sunday****29 March 2015** | **Monday****30 March 2015** | **Tuesday****31 March 2015** | **Wednesday****01 April 2015** | **Thursday****02 April 2015** |
| **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** Self – directedLearning | **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** Pathology of vasculitis**(Pathology)****Dr. Hisham Alkhalidi** | **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)****Dr. Ahmed Alshafie** | **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 |

**LECTURE HALL - 1**

**NEW BUILDING LEVEL 1**

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| **Week 6 - Cardiovascular block (Male - A)** |
| **Week (6) Starting : 05/04/2015 to 09/04/2015 (16/06/1436 to 20/06/1436H)** |
| **Consolidation Week** |
| **CHAIR PERSON : Dr. Mona Soliman** |
| **CO-CHAIR : Dr. Hanan Baker** |
| **Sunday****05 April 2015** | **Monday****06 April 2015** | **Tuesday****07 April 2015** | **Wednesday****08 April 2015** | **Thursday****09 April 2015** |
| **Consolidation** | **Consolidation** | **Consolidation** | **Consolidation** | **Consolidation** |

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| **Week 7 - Cardiovascular block (Male - A)** |
| **Week (7) Starting : 12/04/2015 to 16/04/2015 (23/06/1436 to 27/06/1436H)** |
| **Examination Week** |
| **CHAIR PERSON : Dr. Mona Soliman** |
| **CO-CHAIR : Dr. Hanan Baker** |
| **Sunday****12 April 2015** | **Monday****13 April 2015** | **Tuesday****14 April 2015** | **Wednesday****15 April 2015** | **Thursday****16 April 2015** |
| **8:00 – 9:00 am**Self – directedLearning | **8:00 – 11:30 am****Final MCQ** | **8:00 – 9:00 am**Self – directedLearning | **8:00 – 9:00 am**Self – directedLearning | **8:00 – 9:00 am**Self – directedLearning |
| **9:00 – 10:00 am** Self – directedLearning | **9:00 – 10:00 am**Self – directedLearning | **9:00 – 10:00 am**Self – directedLearning | **9:00 – 10:30 am****OSPE** |
| **10:00 – 11:00 am**Self – directedLearning | **10:00 – 11:00am**Self – directedLearning | **10:00 – 11:00 am**Self – directedLearning |
| **11:00am – 12:00nn** Self – directedLearning | **11:30am – 12:00nn**Self – directedLearning | **11:00am – 12:00nn**Self – directedLearning | **11:00am – 12:00nn**Self – directedLearning | **10:30am – 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**Self – directedLearning | **1:00 – 2:00 pm**Self – directedLearning | **1:00 – 2:00 pm**Self – directedLearning | **1:00 – 2:00 pm**Self – directedLearning | **1:00 – 2:00 pm**Self – directedLearning |
| **2:00 – 3:00 pm**Self – directedLearning | **2:00 – 3:00 pm**Self – directedLearning | **2:00 – 3:00 pm**Self – directedLearning | **2:00 – 3:00 pm**Self – directedLearning | **2:00 – 3:00 pm**Self – directedLearning |