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| **Week 1 - Cardiovascular block (Male - A)** |
| **Week (1) Starting : 12/03/2017 to 16/03/2017 (13/06/1438 to 17/06/1438)** |
| **Normal Heart, Arrhythmias and Cardiac Cycle** |
| **CHAIR PERSON : Prof. Mona Soliman** |
| **CO-CHAIR : Dr. Hanan Baker** |
| **Sunday****12 March 2017** | **Monday****13 March 2017** | **Tuesday****14 March 2017** | **Wednesday****15 March 2017** | **Thursday****16 March 2017** |
| **8:00 – 9:00 am**Introduction to CVS block **(Medical Education)****Prof. Hamza Abdulghani** | **8:00 – 9:00 am**Cardiac cycle 1**(Physiology)****Dr. Ahmed Alshafei** | **8:00 – 9:00 am**The Electrocardiogram**(Physiology)****Dr. Ahmed Alshafei** | **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)****Dr. Ahmed Alshafei** | **9:00 – 10:00 am**Cardiac cycle 2**(Physiology)****Dr. Ahmed Alshafei** | **9:00 – 10:00 am**Arrhythmias**(Cardiac Sciences Department)****Dr. Ahmed Alhersi** | **9:00 – 10:00 am****Self – directed****Learning** | **9:00 – 10:00 am**Beta adrenergicBlockers**(Pharmacology)****Dr. Ishfaq Bukhari** |
| **10:00 – 11:00 am**Anatomy of the Heart**(Anatomy)****Dr. Mohammed Vohra** | **10:00 – 12:00nn****(Practical)**Anatomy of the heart**(Anatomy)****All Staff**  | **10:00 – 11:00 am****Self – directed****Learning** | **10:00 – 11:00 am**Cardiac electric activity**(Physiology)****Dr. Ahmed Alshafei** | **10:00 – 11:00 am**The Development of the Heart**(Anatomy)****Prof. Saeed Abuelmakarem** |
| **11:00am – 12:00nn**Structure of the cardiac muscle**(Histology)****Dr. Aly Mohammed** | **11:00am – 12:00nn****Self – directed****Learning** | **11:00am – 12:00nn**Alpha adrenergic blockers & sympatholytic**(Pharmacology)****Dr. Ishfaq Bukhari** | **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**CVS examination 1:Pulses, JVP**Clinical Skills****(A1)** | **1:00 – 2:00 pm****Self – directed****Learning** | **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**CVS examination 1:Pulses, JVP**Clinical Skills****(A2)** | **2:00 – 3:00 pm****Self – directed****Learning** |

**LECTURE THEATER A**

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| **Week 2 - Cardiovascular block (Male - A)** |
| **Week (2) Starting : 19/03/2017 to 23/03/2017 (20/06/1438 to 24/06/1438)** |
| **Valve disease, The Heart as a Pump and heart failure** |
| **CHAIR PERSON : Prof. Mona Soliman** |
| **CO-CHAIR : Dr. Hanan Baker** |
| **Sunday****19 March 2017** | **Monday****20 March 2017** | **Tuesday****21 March 2017** | **Wednesday****22 March 2017** | **Thursday****23 March 2017** |
| **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**Drug therapy for heart failure 1**(Pharmacology)****Prof. Abdulrahman Almotrefi** | **8:00 – 10:00 am****Problem-based****Learning****Case 1 Tutorial 2** | **8:00 – 9:00 am****Self – directed****Learning** |
| **9:00 – 10:00 am**Infective endocarditis**(Microbiology)****Prof. Ali Somily** | **9:00 – 10:00 am**Heart sounds & murmurs**(Physiology)****Dr. Ahmed Alshafei** | **9:00 – 10:00 am**Pathology & pathogenesis of ischemic heart diseases**(Pathology)****Dr. Ahmed Al Humaidi** |
| **10:00 – 11:00 am**Microbiology of myocarditis & pericarditis**(Microbiology)****Prof. Ali Somily** | **10:00 – 11:00 am**Pathology of rheumatic fever, endocarditis & heart valves**(Pathology)****Prof. Ammar Alrikabi** | **10:00 – 11:00 am**AntiarrhythmicDrugs 2**(Pharmacology)****Prof. Abdulrahman Almotrefi** | **10:00 – 11:00 am**Drug theraphy for heart failure 2**(Pharmacology)****Prof. Abdulrahman Almotrefi** | **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**Antiarrhythmicdrugs 1**(Pharmacology)****Prof. Abdulrahman Almotrefi** | **11:00am – 12:00nn**Risk factors & pathogenesis of atherosclerosis**(Pathology)****Dr. Ahmed Al Humaidi** | **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**CVS examination 2:Heart**Clinical Skills****(A1)** | **1:00 – 2:00 pm**Venous return & cardiac output**(Physiology)****Dr. Ahmed Alshafei** | **1:00 – 3:00 pm****(Practical)**Heart sounds**(Physiology)****All Staff** | **1:00 – 2:00 pm**Regulation of stroke volume (preload, contractility & afterload) & heart failure**(Physiology)****Dr. Ahmed Alshafei** | **1:00 – 3:00 pm****S A L A M** |
| **2:00 – 3:00 pm**CVS examination 2:Heart**Clinical Skills****(A2)** | **2:00 – 3:00 pm**Stroke volume**(Physiology)****Dr. Ahmed Alshafei** | **2:00 – 3:00 pm****Self – directed****Learning** |

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**Room No.2141, Level 2**

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| **Week 3 - Cardiovascular block (Male - A)** |
| **Week (3) Starting : 26/03/2017 to 30/03/2017 (27/06/1438 to 02/07/1438)** |
| **Normal Blood Pressure and Hypertension** |
| **CHAIR PERSON : Prof. Mona Soliman** |
| **CO-CHAIR : Dr. Hanan Baker** |
| **Sunday****26 March 2017** | **Monday****27 March 2017** | **Tuesday****28 March 2017** | **Wednesday****29 March 2017** | **Thursday****30 March 2017** |
| **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 Alshafei** | **8:00 – 9:00 am****Self – directed****Learning** | **8:00 – 9:00 am****Self – directed****Learning** |
| **9:00 – 10:00 am**Histology of the blood vessels**(Histology)****Dr. Aly Mohammed** | **9:00 – 10:00 am****Self – directed****Learning** | **9:00 – 10:00 am**Pathology of thromboembolism**(Pathology)****Dr. Ahmed Al Humaidi** | **9:00 – 10:00 am**Treatment of hypertension 1**(Pharmacology)****Dr. Osama Yousef** | **9:00 – 10:00 am**Shock**(Physiology)****Dr. Ahmed Alshafei** |
| **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)****Dr. Osama Yousef** | **10:00 – 12:00nn****(Practical)**Pathology of cardiovascular diseases 1**(Pathology)****Dr. Ahmed Al Humaidi** |
| **11:00am – 12:00nn**Arterial blood pressure**(Physiology)****Dr. Ahmed Alshafei** | **11:00am – 12:00nn**Pathology & pathogenesis of hypertension**(Pathology)****Dr. Ahmed Al Humaidi** | **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**Take a history related to cardiac symptoms **Clinical Skills****(A1)** | **1:00 – 2:00 pm****Self – directed****Learning** | **1:00 – 2:00 pm**Capillary circulation**(Physiology)****Dr. Ahmed Alshafei** | **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**Take a history related to cardiac symptoms **Clinical Skills****(A2)** | **2:00 – 3:00 pm****Self – directed****Learning** | **2:00 – 3:00 pm****Self – directed****Learning** |

**LECTURE THEATER A**

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| **Week 4 - Cardiovascular block (Male - A)** |
| **Week (4) Starting : 02/04/2017 to 06/04/2017 (05/07/1438 to 09/07/1438)** |
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| **CHAIR PERSON : Prof. Mona Soliman** |
| **CO-CHAIR : Dr. Hanan Baker** |
| **Sunday****02 April 2017** | **Monday****03 April 2017** | **Tuesday****04 April 2017** | **Wednesday****05 April 2017** | **Thursday****06 April 2017** |
| **2nd Semester** **Vacation**  |

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| **Week 5 - Cardiovascular block (Male - A)** |
| **Week (5) Starting : 09/04/2017 to 13/04/2017 (12/07/1438 to 16/07/1438)** |
| **Atherosclerosis and Myocardial Infarction** |
| **CHAIR PERSON : Prof. Mona Soliman** |
| **CO-CHAIR : Dr. Hanan Baker** |
| **Sunday****09 April 2017** | **Monday****10 April 2017** | **Tuesday****11 April 2017** | **Wednesday****12 April 2017** | **Thursday****13 April 2017** |
| **8:00 – 10:00 am****Problem-based****Learning****Case 2 Tutorial 1** | **8:00 – 9:00 am**Lipoprotein metabolism**(Biochemistry)****Dr. Usman Ghani** | **8:00 – 9:00 am****Self – directed****Learning** | **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 – directed****Learning** | **9:00 – 10:00 am**Lipoprotein & Atherosclerosis**(Biochemistry)****Dr. Usman Ghani** | **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 – 11:00am****Self – directed****Learning** | **10:00 – 11:00 am**Thrombolytic therapy**(Pharmacology)****Dr. Ishfaq Bukhari** | **10:00 – 11:00am****Self – directed****Learning** |
| **11:00am – 12:00nn**Pathology of vasculitis**(Pathology)****Dr. Ahmed Al Humaidi** | **11:00am – 12:00nn**Drugs for hyper lipidemia 2**(Pharmacology)****Dr. Osama Yousif** | **11:00am – 12:00nn****Self – directed****Learning** | **11:00am –12:00nn**Biochemical markers of myocardial infarction**(Biochemistry)****Dr. Usman Ghani** | **11:00am – 12:00nn****Self – directed****Learning** |
| **12:00 – 3:00****Clinical Skills** **Assessment****OSCE** | **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**Coronary circulation**(Physiology)****Dr. Ahmed Alshafei** | **1:00 – 3:00 pm****(Practical)**Pathology of cardiovascular diseases 2**(Pathology)****Dr. Ahmed Alhumaidi** | **1:00 – 2:00 pm**Oxidative stress**(Biochemistry)****Dr. Usman Ghani** | **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** |

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| **Week 6 - Cardiovascular block (Male - A)** |
| **Week (6) Starting : 16/04/2017 to 20/04/2017 (19/07/1438 to 23/07/1438)** |
| **Consolidation Week** |
| **CHAIR PERSON : Prof. Mona Soliman** |
| **CO-CHAIR : Dr. Hanan Baker** |
| **Sunday****16 April 2017** | **Monday****17 April 2017** | **Tuesday****18 April 2017** | **Wednesday****19 April 2017** | **Thursday****20 April 2017** |
| **Consolidation** | **Consolidation** | **Consolidation** | **Consolidation** | **Consolidation** |

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| **Week 7 - Cardiovascular block (Male - A)** |
| **Week (7) Starting : 23/04/2017 to 27/04/2017 (26/07/1438 to 01/08/1438)** |
| **Examination Week** |
| **CHAIR PERSON : Prof. Mona Soliman** |
| **CO-CHAIR : Dr. Hanan Baker** |
| **Sunday****23 April 2017** | **Monday****24 April 2017** | **Tuesday****25 April 2017** | **Wednesday****26 April 2017** | **Thursday****27 April 2017** |
| **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 |