

Week 1 ~ Cardiovascular block (Female)

Week (1) Starting : 18/02/2018 to 22/02/2018

Normal Heart, Arrhythmias and Cardiac Cycle

CHAIR PERSON : Prof. Mona Soliman

| Sunday 18 February 2018 | Monday 19 February 2018 | Tuesday 20 February 2018 | Wednesday 21 February 2018 | Thursday 22 February 2018 |
|--|--|---|--|--|
| 8:00 – 9:00 am Self – directed Learning | 8:00 – 9:00 am Self – directed Learning | 8:00 – 9:00 am Cardiac cycle 1 (Physiology) Dr. Hayam Gad | 8:00 – 10:00 am (Practical) The Electrocardiogram ECG (Physiology) All staff | 8:00 – 10:00 am (Practical) Histology of the cardiac muscle (Histology) All Staff |
| 9:00 – 10:00 am Anatomy of the heart (Anatomy) Dr. Sanaa Alshaarawi | 9:00 – 10:00 am Contractile mechanism in cardiac muscle (Physiology) Dr. Hayam Gad | 9:00 – 10:00 am The Electrocardiogram ECG (Physiology) Dr. Hayam Gad | | |
| 10:00 – 11:00 am Structure of the cardiac muscle (Histology) Prof. Raeesa Abdulfawab | 10:00 – 11:00 am Cardiac electric activity (Physiology) Dr. Hayam Gad | 10:00 – 11:00pm The Development of the Heart (Anatomy) Dr. Jamilah El- Medany | 10:00 – 11:00pm Arrhythmias (Cardiac Science Department) Dr. Hanan Baker | 10:00 – 11:00 am CVS examination 1: Pulses, JVP <u>Clinical Skills</u> (F1) |
| 11:00am – 12:00nn Self – directed Learning | 11:00am – 12:00nn Self – directed Learning | 11:00am – 12:00nn Alpha adrenergic blockers & sympatholytic (Pharmacology) Prof. Hanan Hagar | 11:00am – 12:00nn Cardiac cycle 2 (Physiology) Dr. Hayam Gad | 11:00am – 12:00nn CVS examination 1: Pulses, JVP <u>Clinical Skills</u> (F2) |
| 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 Group F1 (Anatomy) All Staff | 1:00 – 3:00 pm (Practical) Anatomy of the heart Group F2 (Anatomy) All Staff | 1:00 – 2:00 pm Beta adrenergic Blockers (Pharmacology) Prof. Hanan Hagar 2:00 – 3:00 pm Self – directed Learning | 1:00 – 3:00 pm S A L A M | 1:00 – 2:00 pm Antiarrhythmic drugs 1 (Pharmacology) Dr. Aliah Alshanwani 2:00 – 3:00 pm Antiarrhythmic Drugs 2 (Pharmacology) Dr. Aliah Alshanwani |

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Week 2 - Cardiovascular block (Female)

Week (2) Starting : 25/02/2018 to 01/03/2018

Valve disease, The Heart as a Pump and heart failure

CHAIR PERSON : Prof. Mona Soliman

| Sunday 25 February 2018 | Monday 26 February 2018 | Tuesday 27 February 2018 | Wednesday 28 February 2018 | Thursday 01 March 2018 |
|---|--|---|--|---|
| 8:00 – 10:00 am Problem-based Learning Case 1 Tutorial 1 | 8:00 – 9:00 am Microbiology of myocarditis & pericarditis (Microbiology) Prof. Hanan Habib 9:00 – 10:00 am Venous return & cardiac output (Physiology) Prof. Mona Soliman | 8:00 – 9:00 am Rheumatic heart disease (Immunology) Dr. Reem Sghiri 9:00 – 10:00 am Pathology of rheumatic fever, endocarditis & heart valves (Pathology) Dr. Sufia Husain | 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 Pathology & pathogenesis of ischemic heart diseases (Pathology) Dr. Sufia Husain |
| 10:00 – 11:00am Regulation of stroke volume (preload, contractility & afterload) & heart failure (Physiology) Prof. Mona Soliman | 10:00 – 11:00 am Stroke volume (Physiology) Prof. Mona Soliman | 10:00 – 11:00 am Risk factors & pathogenesis of atherosclerosis (Pathology) Dr. Sufia Husain | 10:00 – 12:00nn <u>(Practical)</u> The recording of Jugular venous & carotid arterial pressures (Physiology) All staff | 10:00 – 11:00 am CVS examination 2: Heart <u>Clinical Skills</u> (F1) |
| 11:00 – 12:00nn Heart sounds & murmurs (Physiology) Dr. Hayam Gad | 11:00am – 12:00nn Lactic acidosis (Biochemistry) Dr. Sumbul Fatma | 11:00am – 12:00nn Infective endocarditis (Microbiology) Dr. Fawzia Alotaibi | | 11:00am – 12:00nn CVS examination 2: Heart <u>Clinical Skills</u> (F2) |
| 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 <u>(Practical)</u> Heart sounds (Physiology) All Staff | 1:00 – 2:00 pm Drug therapy for heart failure 1 (Pharmacology) Dr. Aliah Alshanwani 2:00 – 3:00 pm Drug therapy for heart failure 2 (Pharmacology) Dr. Aliah Alshanwani | 1:00 – 3:00 pm <u>(Practical)</u> Pathology of cardiovascular diseases 1 (Pathology) Dr. Wajid Al Thagafi Dr. Sufia Husain | 1:00 – 3:00 pm S A L A M | 1:00 – 3:00 pm <u>(Practical)</u> Pathology of cardiovascular diseases 2 (Pathology) Dr. Wajid Al Thagafi Dr. Sufia Husain |

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Week 3 - Cardiovascular block (Female)

Week (3) Starting : 04/03/2018 to 08/03/2018

Normal Blood Pressure and Hypertension

CHAIR PERSON : Prof. Mona Soliman

| Sunday 04 March 2018 | Monday 05 March 2018 | Tuesday 06 March 2018 | Wednesday 07 March 2018 | Thursday 08 March 2018 |
|---|---|--|----------------------------|---|
| 8:00 – 9:00 am Anatomy of large blood vessels – arteries (Anatomy) Dr. Jamilah El-Medany | 8:00 – 9:00 am Regulation of blood pressure (Physiology) Dr. Abeer Al Masri | 8:00 – 9:00 am Shock (Physiology) Dr. Abeer Al Masri | Progress test | 8:00 – 10:00 am (Practical) Anatomy and histology of the major arteries and veins Group F2 (Anatomy & Histology) All Staff |
| 9:00 – 10:00 am Histology of the blood vessels (Histology) Prof. Raesa Abdultawab | 9:00 – 11:00 am (Practical) Measurement of arterial blood pressure (Physiology) All Staff | 9:00 – 10:00 am Cholesterol Metabolism (Biochemistry) Dr. Sumbul Fatma | | 10:00 – 11:00 am Take a history related to cardiac symptoms (Clinical Skills) (F1) |
| 10:00 – 11:00 am Arterial blood pressure (Physiology) Dr. Abeer Al Masri | | 10:00 – 11:00 am Capillary circulation (Physiology) Dr. Abeer Al Masri | | 11:00am – 12:00nn Take a history related to cardiac symptoms (Clinical Skills) (F2) |
| 11:00am – 12:00nn Anatomy of large blood vessels – veins (Anatomy) Dr. Sanaa Alshaarawi | 11:00am – 12:00nn Treatment of hypertension 1 (Pharmacology) Prof. Yeldez Bassioni | 11:00am – 12:00nn Treatment of hypertension 2 (Pharmacology) Prof. Yeldez Bassioni | | |
| 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 – directed Learning | 1:00 – 2:00 pm Self – directed Learning | 1:00 – 3:00 pm (Practical) Anatomy and histology of the major arteries and veins Group F1 (Anatomy & Histology) All Staff | | 1:00 – 2:00 pm Self – directed Learning |
| 2:00 – 3:00 pm Self – directed Learning | 2:00 – 3:00 pm Self – directed Learning | | | 2:00 – 3:00 pm Self – directed Learning |

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Week 4 ~ Cardiovascular block (Female)

Week (4) Starting : 11/03/2018 to 15/03/2018

Atherosclerosis and Myocardial Infarction

CHAIR PERSON : Prof. Mona Soliman

| Sunday 11 March 2018 | Monday 12 March 2018 | Tuesday 13 March 2018 | Wednesday 14 March 2018 | Thursday 15 March 2018 |
|---|---|---|--|--|
| 8:00 – 10:00 am Problem-based Learning Case 2 Tutorial 1 | 8:00 – 9:00 am Pathology & pathogenesis of hypertension (Pathology) Dr. Sufia Husain | 8:00 – 9:00 am Lipoprotein & Atherosclerosis (Biochemistry) Dr. Sumbul Fatma | 8:00 – 10:00 am Problem-based Learning Case 2 Tutorial 2 | 8:00 – 9:00 am Biochemical markers of myocardial infarction (Biochemistry) Dr. Rana Hassanato |
| | 9:00 – 10:00 am Self – directed Learning | 9:00 – 10:00 am Pathology of thromboembolism (Pathology) Dr. Sufia Husain | | 9:00 – 10:00 am Self – directed Learning |
| 10:00 – 11:00 am Anatomy of the arterial supply and venous drainage of the heart (Anatomy) Dr. Jamilah El-Medany | 10:00 – 11:00 am Lipoprotein metabolism (Biochemistry) Dr. Sumbul Fatma | 10:00 – 11:00am Pathology of vasculitis (Pathology) Dr. Sufia Husain | 10:00 – 11:00 am Antianginal drugs 1 (Pharmacology) Dr. Aliah Alshanwani | 10:00 – 11:00 am Self – directed Learning |
| 11:00am – 12:00nn Coronary circulation (Physiology) Dr. Abeer Al Masri | 11:00am – 12:00nn Thrombolytic therapy (Pharmacology) Prof. Hanan Hagar | 11:00am – 12:00nn Drugs for hyperlipidemia 1 (Pharmacology) Prof. Yieldez Bassioni | 11:00am – 12:00nn Antianginal drugs 2 (Pharmacology) Dr. Aliah Alshanwani | 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 Self – directed Learning | 1:00 – 2:00 pm Oxidative stress (Biochemistry) Dr. Sumbul Fatma | 1:00 – 2:00 pm Drugs for hyperlipidemia 2 (Pharmacology) Prof. Yieldez Bassioni | 1:00 – 3:00 pm | 1:00 – 2:00 pm Self – directed Learning |
| 2:00 – 3:00 pm Self – directed Learning | 2:00 – 3:00 pm Self – directed Learning | 2:00 – 3:00 pm Self – directed Learning | S A L A M | 2:00 – 3:00 pm Self – directed Learning |

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Week 5 - Cardiovascular block (Female)

Week (5) Starting : 18/03/2018 to 22/03/2018

Consolidation Week

CHAIR PERSON : Prof. Mona Soliman

| Sunday 18 March 2018 | Monday 19 March 2018 | Tuesday 20 March 2018 | Wednesday 21 March 2018 | Thursday 22 March 2018 |
|-------------------------|-------------------------|--------------------------|----------------------------|---------------------------|
| Consolidation | Consolidation | Consolidation | Consolidation | Consolidation |

Week 6: Examination week from 25 March 2018 to 29 March 2018.