

**King Saud University
College of Medicine**

Week 1 - Cardiovascular BLOCK A (Male)

Week (1) Starting: 03/3/2012 (10/4/1433H)

Normal heart, arrhythmias and cardiac cycle

CHAIR PERSON : Dr. Mona Soliman

CO-CHAIR : Dr. Hanan Baker

Saturday 03 March 2012	Sunday 04 March 2012	Monday 05 March 2012	Tuesday 06 March 2012	Wednesday 07 March 2012
8:00 -9:00 am Introduction for Cardiovascular Block Dr. Sami Al Nassar	8:00 - 9:00 am Self-directed learning	8:00 - 9:00am Self-directed learning	8:00 -9:00am Self-directed learning	8:00 - 9:00 am Cardiac cycle 1 (Physiology) Prof. Sultan
9:00 - 10:00 am Self-directed learning	9:00 - 10:00am Alpha adrenergic blockers and sympatholytics (Pharmacology)	9:00 - 10:00am Cardiac electric activity (Physiology) Prof. Ashraf	9:00 - 10:00 am Arrhythmias (Physiology) Prof. Ashraf	9:00 - 10:00 am Antiarrhythmic drugs2 (Pharmacology) Prof. Al Motrefi
10:00 - 11:00 am Beta adrenergic blockers (Pharmacology)	10:00-11:00am Contractile mechanism in cardiac muscle (Physiology) Prof. Ashraf	10:00-11:00am Self-directed learning	10:00-11:00am Antiarrhythmic drugs 1 (Pharmacology) Prof. Al Motrefi	10:00-11:00am Cardiac cycle 2 (Physiology) Prof. Ashraf
11:00 - 12:00pm Anatomy of the heart (Anatomy) Dr. Vohra	11:00 - 12:00pm Self-directed learning	11:00 - 12:00pm The Electrocardiogram (Physiology) Prof. Sultan	11:00 - 12:00pm Self-directed learning	11:00 - 12:00pm Self-directed learning
Lunch 12:00 – 1:00pm	Lunch 12:00 – 1:00pm	Lunch 12:00 – 1:00pm	Lunch 12:00 – 1:00pm	Lunch 12:00 – 1:00pm
1:00 - 3:00 pm (Practical) Anatomy of the heart (Anatomy)	1:00 - 2:00 pm Structure of the cardiac muscle (Histology) Dr. Aly	1:00 - 3:00 pm (Practical) Histology of the cardiac muscle (Histology)	1:00 - 3:00pm (Practical) The Electrocardiogram ECG (Physiology)	1:00 - 3:00 pm Salam

LECTURE HALL -1

NEW BUILDING LEVEL 1

King Saud University
College of Medicine

Week 2 - Cardiovascular BLOCK A (Male)

Week (2) Starting: 10/3/2012 (17/4/1433H)

Valve disease, the heart as a pump and heart failure

CHAIR PERSON : Dr. Mona Soliman

CO-CHAIR : Dr. Hanan Baker

Saturday 10 March 2012	Sunday 11 March 2012	Monday 12 March 2012	Tuesday 13 March 2012	Wednesday 14 March 2012
8:00 - 10:00 am PBL Case 1 Part 1	8:00 - 9:00 am Rheumatic heart disease (Immunology) Prof. Osman Gad El Rab	8:00 - 9:00 am Venous return and cardiac output (Physiology) Prof. Ashraf	8:00 - 10:00 am PBL Case 1 Part 2	8:00 - 9:00 am Pathology and pathogenesis of ischemic heart diseases (Pathology) Dr. Hisham Alkhalidi
	9:00 - 10:00am Microbiology of myocarditis and pericarditis (Microbiology) Dr. Ali Somily	9:00 - 10:00 am Lactic acidosis (Biochemistry) Dr. Usman Ghani		9:00 - 10:00 am Self-directed learning
10:00 - 11:00 am Drug therapy for heart failure 1 (Pharmacology) Prof. Al Motrefi	10:00- 11:00am Drug therapy for heart failure 2 (Pharmacology) Prof. Al Motrefi	10:00- 11:00am Stroke volume (Physiology) Prof. Sultan	10:00 - 11:00am Self-directed learning	10:00 - 12:00pm (Practical) The recording of jugular venous and carotid arterial pressures (Physiology)
11:00 - 12:00pm Pathology of rheumatic fever, endocarditis and heart valves (Pathology) Dr. Ammar Rikabi	11:00 - 12:00pm Heart sounds and murmurs (Physiology) Prof. Sultan	11:00 - 12:00pm Self-directed learning	11:00 - 12:00pm Infective endocarditis (Microbiology) Prof. Kambal	
Lunch 12:00 – 1:00pm	Lunch 12:00 – 1:00pm	Lunch 12:00 – 1:00pm	Lunch 12:00 – 1:00pm	Lunch 12:00 – 1:00pm
1:00 - 3:00 pm (Practical) Heart sounds (Physiology)	1:00 - 3:00 pm Self-directed learning	1:00 - 2:00 pm Regulation of stroke volume (preload, contractility and afterload) and heart failure (Physiology) Prof. Ashraf	1:00 - 2:00 pm Risk factors and pathogenesis of atherosclerosis (Pathology) Dr. Hisham Alkhalidi	1:00 - 3:00 pm Salam

LECTURE HALL -1

NEW BUILDING LEVEL 1

Week 3 - Cardiovascular BLOCK A (Male)				
Week (3) Starting: 17/3/2012 (24/4/1433H)				
<u>Atherosclerosis and Myocardial Infarction</u>				
CHAIR PERSON : Dr. Mona Soliman				
CO-CHAIR : Dr. Hanan Baker				
Saturday 17 March 2012	Sunday 18 March 2012	Monday 19 March 2012	Tuesday 20 March 2012	Wednesday 21 March 2012
8:00 - 10:00 am PBL Case 2 Part 1	8:00 - 9:00 am Self-directed learning	8:00 - 9:00 am Self-directed learning	8:00 - 10:00am PBL Case 2 Part 2	8:00 - 9:00 am Biochemical markers of myocardial infarction (Biochemistry) Dr. Usman Ghani
	9:00 - 10:00am Cholesterol metabolism (Biochemistry) Dr. Usman Ghani	9:00 - 10:00am Lipoprotein metabolism (Biochemistry) Dr. Amr Moustafa		9:00 - 10:00 am Self-directed learning
10:00 - 11:00am Anatomy of the arterial supply and venous drainage of the heart (Anatomy) Dr. Essam Salama	10:00 - 11:00am Coronary circulation (Physiology) Prof. Ashraf	10:00 - 11:00am Thrombolytic therapy (Pharmacology) Dr. Mahesar	10:00 - 11:00am Self-directed learning	10:00 - 11:00am Antianginal drugs 2 (Pharmacology) Dr. Osama
11:00 - 12:00pm Self-directed learning	11:00 - 12:00pm Self-directed learning	11:00 - 12:00pm Self-directed learning	11:00 - 12:00pm Antianginal drugs 1 (Pharmacology) Dr. Osama	11:00 - 12:00pm Self-directed learning
Lunch 12:00 - 1:00pm	Lunch 12:00 - 1:00pm	Lunch 12:00 - 1:00pm	Lunch 12:00 - 1:00pm	Lunch 12:00 - 1:00pm
1:00 - 3:00 pm (Practical) Pathology of cardiovascular diseases 1 (Pathology) Dr. Amer Shafie/ Dr. Hisham Alkhalidi	1:00 - 2:00 pm Clinical skills History taking for cardiac disease and clinical examination of the cardiovascular system Group A1	1:00 - 2:00 pm Lipoprotein and Atherosclerosis (Biochemistry) Dr. Amr Moustafa	1:00 - 2:00 pm Self-directed learning	1:00 - 3:00 pm Salam
	2:00 - 3:00pm Clinical skills History taking for cardiac disease and clinical examination of the cardiovascular system Group A2			

LECTURE HALL -1 NEW BUILDING LEVEL 1

King Saud University
College of Medicine

Week 4 - Cardiovascular BLOCK A (Male)				
Week (4) Starting: 31/3/2012 (08/5/1433H)				
<u>Normal Blood Pressure and Hypertension</u>				
CHAIR PERSON : Dr. Mona Soliman				
CO-CHAIR : Dr. Hanan Baker				
Saturday 31 March 2012	Sunday 01 April 2012	Monday 02 April 2012	Tuesday 03 April 2012	Wednesday 04 April 2012
8:00 - 10:00 am Midterm Examination	8:00 - 9:00 am Arterial blood pressure (Physiology) Dr. Shahid Habib	8:00 - 9:00 am Regulation of blood pressure (Physiology) Dr. Shahid Habib	8:00 - 9:00 am Self-directed learning	8:00 - 9:00 am Self-directed learning
	9:00 - 10:00am Drugs for hyperlipidemia 1 (Pharmacology) Dr. Osama	9:00 - 10:00am Treatment of hypertension 1 (Pharmacology) Prof. Al Motrefi	9:00 - 10:00am Self-directed learning	9:00 - 10:00am Self-directed learning
10:00 - 11:00 am Self-directed learning	10:00 - 11:00 am Self-directed learning	10:00 - 11:00 am Self-directed learning	10:00 - 11:00 am Treatment of hypertension 2 (Pharmacology) Prof. Al Motrefi	10:00 - 11:00 am Oxidative stress (Biochemistry) Dr. Amr Moustafa
11:00 - 12:00 pm Self-directed learning	11:00 - 12:00 pm Self-directed learning	11:00 - 12:00 pm Self-directed learning	11:00 - 12:00 pm Pathology and pathogenesis of hypertension (Pathology) Dr. Hisham Alkhalidi	11:00 - 12:00pm Shock (Physiology) Prof. Sultan
Lunch 12:00 - 1:00pm	Lunch 12:00 - 1:00pm	Lunch 12:00 - 1:00pm	Lunch 12:00 - 1:00pm	Lunch 12:00 - 1:00pm
1:00 - 3:00 pm Self-directed learning	1:00 - 2:00 pm Drugs for hyperlipidemia 2 (Pharmacology) Dr. Osama	1:00 - 3:00 pm (Practical) Measurement of arterial blood pressure (Physiology)	1:00 - 3:00 pm (Practical) Pathology of cardiovascular diseases 2 (Pathology) Dr. Amer Shafie/ Dr. Hisham Alkhalidi	1:00 - 3:00 pm Salam

***24 March to 28 March 2012: Vacation**

LECTURE HALL -1

NEW BUILDING LEVEL 1

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Week 5 - Cardiovascular BLOCK A (Male)				
Week (5) Starting: 07/4/2012 (15/5/1433H)				
<u>Large Blood Vessels</u>				
CHAIR PERSON : Dr. Mona Soliman				
CO-CHAIR : Dr. Hanan Baker				
Saturday 07 April 2012	Sunday 08 April 2012	Monday 09 April 2012	Tuesday 10 April 2012	Wednesday 11 April 2012
8:00 - 10:00 am PBL Case 3 Part 1	8:00 - 9:00 am Pathology of thromboembolism (Pathology) Dr. Hisham Alkhalidi 9:00 - 10:00 pm Capillary circulation (Physiology) Dr. Shahid Habib	Revision	8:00 - 10:00 am PBL Case 3 Part 2	Revision
10:00 - 11:00 am Anatomy of large blood vessels- arteries (Anatomy) Dr. Khalil	10:00 - 12:00 pm (Practical) Anatomy and histology of the major arteries and veins (Anatomy & Histology)		10:00 - 11:00am Self-directed learning	
11:00 - 12:00 pm Histology of the blood vessels (Histology) Dr. Aly			11:00 - 12:00 pm Self-directed learning	
Lunch 12:00 – 1:00pm	Lunch 12:00 – 1:00pm	Lunch 12:00 – 1:00pm	Lunch 12:00 – 1:00pm	Lunch 12:00 – 1:00pm
1:00 - 2:00 pm Anatomy of large blood vessels- veins (Anatomy) Dr. Khalil	1:00 - 2:00 pm Pathology of vasculitis (Pathology) Dr. Hisham Alkhalidi		1:00 - 2:00 pm Self-directed learning	1:00 - 3:00 pm Salam

LECTURE HALL -1

NEW BUILDING LEVEL 1