

**King Saud University**  
**College of Medicine**

**Week 1 - Cardiovascular BLOCK (Female)**

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 <b>Dr. Mona Suliman</b>	8:00 - 9:00 am Structure of the cardiac muscle <b>(Histology)</b> <b>Dr. Raeesa</b>	8:00 - 9:00am Cardiac electric activity <b>(Physiology)</b> <b>Dr. Mona Suliman</b>	8:00 - 9:00 am Beta adrenergic blockers <b>(Pharmacology)</b> <b>Prof. Omnia Nayel</b>	8:00 - 9:00 am Cardiac cycle 1 <b>(Physiology)</b> <b>Dr. Abeer Al Masri</b>
9:00 - 10:00 am Anatomy of the heart <b>(Anatomy)</b> <b>Dr. Sanaa</b>	9:00 - 10:00am Contractile mechanism in cardiac muscle <b>(Physiology)</b> <b>Dr. Mona Suliman</b>	9:00 - 10:00am Alpha adrenergic blockers and sympatholytics <b>(Pharmacology)</b> <b>Prof. Omnia Nayel</b>	9:00 - 10:00am Arrhythmias <b>(Physiology)</b> <b>Dr. Mona Suliman</b>	9:00 - 10:00 am Antiarrhythmic drugs 2 <b>(Pharmacology)</b> <b>Prof. Azzah Medany</b>
10:00 - 12:00 pm  <b>(Practical)</b> Anatomy of the heart <b>(Anatomy)</b>	10:00 - 12:00pm  <b>(Practical)</b> Histology of the cardiac muscle <b>(Histology)</b>	10:00 - 11:00am The Electrocardiogram <b>(Physiology)</b> <b>Dr. Mona Suliman</b>	10:00 - 11:00am Antiarrhythmic drugs 1 <b>(Pharmacology)</b> <b>Prof. Azzah Medany</b>	10:00 - 11:00am Cardiac cycle 2 <b>(Physiology)</b>  <b>Dr. Abeer Al Masri</b>
		11:00 - 12:00pm  Self-directed learning	11:00 - 12:00pm  Self-directed learning	11:00 - 12:00pm  Self-directed learning
<b>Lunch</b> 12:00 - 1:00pm	<b>Lunch</b> 12:00 - 1:00pm	<b>Lunch</b> 12:00 - 1:00pm	<b>Lunch</b> 12:00 - 1:00pm	<b>Lunch</b> 12:00 - 1:00pm
1:00 - 2:00 pm Self-directed learning	1:00 - 3:00 pm  Self-directed learning	1:00 - 3:00 pm <b>Practical)</b> TheElectrocardiogram <b>(Physiology)</b>	1:00 - 3:00 pm Self-directed learning	1:00 - 3:00 pm Salam

**Hall No.(2)**  
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Week 2 - Cardiovascular BLOCK (Female)

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 - 9:00 am Heart sounds and murmurs <b>(Physiology)</b> Dr. Abeer Al Masri	8:00 - 9:00 am Infective endocarditis <b>(Microbiology)</b> Dr. Fawzia Al Otaibi	8:00 - 9:00 am Venous return and cardiac output <b>(Physiology)</b> Dr. Eman Al Eter	8:00 - 9:00 am Regulation of stroke volume 1: preload effects on the heart <b>(Physiology)</b> Dr. Eman Al Eter	8:00 - 9:00 am Risk factors and pathogenesis of atherosclerosis <b>(Pathology)</b> Dr. Shaesta Zaidi
9:00 - 10:00 am Pathology of rheumatic fever, endocarditis and heart valves <b>(Pathology)</b> Dr. Shaesta Zaidi	9:00 - 10:00am Rheumatic heart disease <b>(Immunology)</b> Dr. Adel Almogren	9:00 - 10:00 am Lactic acidosis <b>(Biochemistry)</b> Dr. Sumbul Fatma	9:00 - 10:00 am Self-directed learning	9:00 - 10:00 am Pathology and pathogenesis of ischemic heart diseases <b>(Pathology)</b> Dr. Shaesta Zaidi
10:00 - 12:00 pm <b>(Practical)</b>  Heart sounds <b>(Physiology)</b>	10:00 - 11:00am Microbiology of myocarditis and pericarditis <b>(Microbiology)</b> Prof. Hanan Habib	10:00 - 11:00am  Stroke volume <b>(Physiology)</b> Dr. Eman Al Eter	10:00 - 12:00pm  Self-directed learning	10:00 - 11:00am Drug therapy for heart failure 1 <b>(Pharmacology)</b> Prof. Azzah Medany
	11:00 - 12:00pm Self-directed learning	11:00 - 12:00pm Self-directed learning		11:00 - 12:00pm Drug therapy for heart failure 2 <b>(Pharmacology)</b> Prof. Azzah Medany
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  PBL  Case 1 Part 1	1:00 - 3:00 pm  Self-directed learning	1:00 - 3:00 pm <b>(Practical)</b> The recording of Jugular venous and carotid arterial pressures <b>(Physiology)</b>	1:00 - 3:00 pm  PBL  Case 1 Part 2	1:00 - 3:00 pm  Salam

Hall No.(2)  
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Week 3 - Cardiovascular BLOCK (Female)

Week (3) Starting: 17/3/2012 (24/4/1433H)

**Atherosclerosis and Myocardial Infarction**

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 - 9:00 am  Anatomy of the arterial supply and venous drainage of the heart <b>(Anatomy)</b> Dr. Jamilah Al Medany	8:00 - 9:00 am Self-directed learning	8:00 - 9:00 am Biochemical markers of myocardial infarction <b>(Biochemistry)</b> Dr. Rana Hasanato	8:00 - 9:00am Lipoprotein and Atherosclerosis <b>(Biochemistry)</b> Dr. Reem Sallam	8:00 - 9:00 am Self-directed learning
9:00 - 10:00am Coronary circulation <b>(Physiology)</b> Dr. Eman Al Eter	9:00 - 10:00am Cholesterol metabolism <b>(Biochemistry)</b> Dr. Sumbul Fatma	9:00 - 10:00am Thrombolytic therapy <b>(Pharmacology)</b> Prof. Hanan Hagar	9:00 - 10:00am <b>Clinical skills</b> History taking for cardiac disease and clinical examination of the cardiovascular system <b>Group F1</b>	9:00 - 10:00 am Self-directed learning
10:00 - 11:00 am Self-directed learning	10:00 - 11:00am Antianginal drugs 1 <b>(Pharmacology)</b> Prof. Omnia	10:00 - 11:00am Lipoprotein metabolism <b>(Biochemistry)</b> Dr. Reem Sallam	10:00 - 11:00am <b>Clinical skills</b> History taking for cardiac disease and clinical examination of the cardiovascular system <b>Group F2</b>	10:00 - 11:00am Self-directed learning
11:00 - 12:00pm Self-directed learning	11:00 - 12:00pm Antianginal drugs 2 <b>(Pharmacology)</b> Prof. Omnia	11:00 - 12:00pm Self-directed learning	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  PBL  Case 2 Part 1	1:00 - 3:00 pm <b>(Practical)</b> Pathology of cardiovascular diseases 1 <b>(Pathology)</b> Dr. Shaesta Zaidi	1:00 - 2:00 pm Self-directed learning	1:00 - 3:00 pm PBL  Case 2 Part 2	1:00 - 3:00 pm  Salam

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\*24 March to 28 March 2012: Vacation

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Week 4 - Cardiovascular BLOCK (Female)				
Week (4) Starting: 31/3/2012 (08/5/1433H)				
<b>Normal Blood Pressure and Hypertension</b>				
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 <b>(Physiology)</b> Dr. Eman Al Eter	8:00 - 9:00 am Drugs for hyper-lipidemia 2 <b>(Pharmacology)</b> Prof. Omnia	8:00 - 9:00 am Self-directed learning	8:00 - 9:00 am Self-directed learning
	9:00 - 10:00am Oxidative Stress <b>(Biochemistry)</b> Dr. Reem Sallam	9:00 - 10:00am Self-directed learning	9:00 - 10:00am Regulation of blood pressure <b>(Physiology)</b> Dr. Eman Al Eter	9:00 - 10:00am Treatment of hypertension 2 <b>(Pharmacology)</b> Prof. Azzah Medany
10:00 - 11:00am Self-directed learning	10:00 - 11:00am Drugs for hyper-lipidemia 1 <b>(Pharmacology)</b> Prof. Omnia	10:00 - 11:00am Pathology and pathogenesis of hypertension <b>(Pathology)</b> Dr. Shaesta Zaidi	10:00 - 11:00am Treatment of hypertension 1 <b>(Pharmacology)</b> Prof. Azzah Medany	10:00 - 11:00am Shock <b>(Physiology)</b> Dr. Eman Al Eter
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 Self-directed learning	11:00 - 12:00pm Self-directed learning
<b>Lunch</b> 12:00 – 1:00pm	<b>Lunch</b> 12:00 – 1:00pm	<b>Lunch</b> 12:00 – 1:00pm	<b>Lunch</b> 12:00 – 1:00pm	<b>Lunch</b> 12:00 – 1:00pm
1:00 - 2:00 pm  Self-directed learning	1:00 - 3:00 pm <b>(Practical)</b> Measurement of arterial blood pressure <b>(Physiology)</b>	1:00 - 3:00 pm <b>(Practical)</b> Pathology of cardiovascular diseases 2 <b>(Pathology)</b> Dr. Shaesta Zaidi	1:00 - 2:00 pm  Self-directed learning	1:00 - 3:00 pm  Salam

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Week 5 - Cardiovascular BLOCK (Female)				
Week (5) Starting: 07/4/2012 (15/5/1433H)				
Large Blood Vessels				
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 - 9:00 am Anatomy of large blood vessels- arteries <b>(Anatomy)</b> Dr. Zeenat	8:00 - 9:00 am Histology of the blood vessels <b>(Histology)</b> Dr. Raees	<b>Revision</b>	Self-directed learning	<b>Revision</b>
9:00 – 10:00 am Anatomy of large blood vessels- veins <b>(Anatomy)</b> Dr. Zeenat	9:00 - 10:00 pm Pathology of thromboembolism <b>(Pathology)</b> Dr. Shaesta Zaidi			
10:00 –12:00 pm  Self-directed learning	10:00 - 11:00am Capillary circulation <b>(Physiology)</b>  Dr. Eman Al Eter		10:00 –12:00 pm <b>Practical:</b> Anatomy and histology of the major arteries and veins <b>(Anatomy &amp; Histology)</b>	
11:00 – 12:00pm Pathology of vasculitis <b>(Pathology)</b> Dr. Shaesta Zaidi				
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 PBL  Case 3 Part 1	1:00 - 3:00 pm  Self-directed learning		1:00 - 3:00 pm  PBL Case 3 Par2 1	Salam

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