

Jinnah Medical & Dental College
MBBS I - Batch 27 – 2024
CARDIOVASCULAR MODULE-WEEK 1

Lecture Venue: LH001

	9:00-9:50	9:55-10:45		11:00-11:50	11:55-01:00			1:30-3:00	
MON Sept 2	PHYSIOLOGY	ANATOMY Posterior Mediastinum 1 Prof. Meesam		ANATOMY Posterior Mediastinum 2 Prof. Meesam	ANATOMY DEMONSTRATION 3D Dissector-Dr. Sahrish / Dr. Maniya DEF-Dissection Hall A: TR1-Biochemistry Tutorial 2 B: AM-Anatomy Tutorial 3 C: TR2-Physiology Tutorial 2	LUNCH BREAK	SELF STUDY / EXTRA CURRICULAR	ANATOMY DEMONSTRATION 3D Dissector-Dr. Sahrish / Dr. Maniya ABC-Dissection Hall D: TR1-Biochemistry Tutorial 2 E: AM-Anatomy Tutorial 3 F: TR2-Physiology Tutorial 2	
TUES Sept 3	EXAMINATION PREP / SELF STUDY							SELF STUDY	
WED Sept 4	RESPIRATORY MODULE TEST							SELF STUDY	
THUR Sept 5	RESPIRATORY MODULE TEST							SELF STUDY	
FRI Sept 6	9:00-9:50 ANATOMY CVS Overview & Middle Mediastinum Dr. Nadia	9:55-10:45 PHYSIOLOGY Cardiac Muscle Properties Dr. Faiza		11:15-12:05 BIOCHEMISTRY Fatty Acid &Triacylglycerol Metabolism Dr. Shaista	12:10-1:00 MEDICAL EDUCATION Respiratory Module Review Dr. Nadia			2:00-3:00 PHYSICAL TRAINING LH001	

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	9:00-9:50	9:55-10:45		11:15-12:05	12:10-1:00			1:30-3:00
MON Sept 9	PHYSIOLOGY Heart Conducting System Dr. Sara	ANATOMY Pericardium Dr. Sahrish		PHYSIOLOGY Cardiac Action Potential Dr. Alina	BIOCHEMISTRY Beta Oxidation Dr. Shaista	LUNCH BREAK	SELF STUDY / EXTRA CURRICULAR	PBL 1.1 A: LH001 D: LH002 B: TR2 E: CM Museum C: TR3 F: TR5
TUES Sept 10	PHYSIOLOGY Cardiac Cycle I Dr. Sadaf	ANATOMY External Heart Features Dr. Asma		PHYSIOLOGY Cardiac Cycle II Dr. Sadaf	ANATOMY Heart Internal Structure I (Atria) Dr. Asma			PBL 1.2 A: TR1 D: AM B: TR2 E: LH001 C: TR3 F: TR5
WED Sept 11	PHYSIOLOGY ECG Lead System Dr. Sadaf	ANATOMY Heart Internal Structure II (Ventricles) Dr. Sahrish		BIOCHEMISTRY Cholesterol Metabolism Dr. Shaista	PHYSIOLOGY Normal ECG, Rate & Rhythm Dr. Sadaf			PHYSIOLOGY PRACTICAL ABC-PHYSIO LAB Power Lab & Refractory Period/Arterial Pulses D-AM-Anatomy Tutorial 1 E-TR1-Biochemistry Tutorial 1 F-TR2-Physiology Tutorial 1
THUR Sept 12	9:00-10:30 ABC-Professional Communication LH001 - Ms. Ayesha Adil ANATOMY DEMONSTRATION Models & 3D Dissector DEF Dissection Hall Dr Nadia / Dr. Sameen			11:15-12:45 DEF-Professional Communication LH001 - Ms. Ayesha Adil ANATOMY DEMONSTRATION Models & 3D Dissector ABC-Dissection Hall Dr Nadia / Dr. Sameen				PHYSIOLOGY PRACTICAL DEF-PHYSIO LAB Power Lab & Refractory Period/Arterial Pulses A-AM-Anatomy Tutorial 1 B-TR1-Physiology Tutorial 1 C-TR5-Biochemistry Tutorial 1
FRI Sept 13	9:00-10:30 BIOCHEMISTRY PRACTICAL Cardiac Biomarkers Dr. Shahid / Ms. Sabeela ABC-BIOCHEM LAB D-TR1-Physiology Tutorial 1 E-AM-Anatomy Tutorial 1 F-TR2-Biochemistry Tutorial 1			10:45-11:15 Post PBL Session 1.3	11:30-1:00 BIOCHEMISTRY PRACTICAL Cardiac Biomarkers Dr. Shahid / Ms. Sabeela DEF-BIOCHEM LAB A-TR1-Physiology Tutorial 1 B-TR2-Biochemistry Tutorial 1 C-AM-Anatomy Tutorial 1			PRAYER

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CARDIOVASCULAR MODULE-WEEK 3

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	9:00-9:50	9:55-10:45		11:15-12:05	12:10-1:00			1:30-3:00
MON Sept 16	PHYSIOLOGY Vector Analysis & Abnormal ECG Dr. Sadaf	ANATOMY Coronary Blood Vessels Dr. Baqir		PHYSIOLOGY Cardiac Arrhythmias Dr. Sadaf	BIOCHEMISTRY Ketone Bodies Metabolism Dr. Shahid		SELF STUDY / EXTRA CURRICULAR	PHYSIOLOGY PRACTICAL ECG ABC-PHYSIO LAB BIOCHEMISTRY PRACTICAL TAGs Estimation Dr. Sabeen/Ms. Sabeela DEF-BIOCHEM LAB
TUES Sept 17	SELF STUDY							SELF STUDY
WED Sept 18	ANATOMY Major CVS Vessels & Lymphatics Dr. Sahrish	PHYSIOLOGY Hemodynamics Dr. Sara		ANATOMY Heart, Cardiac Muscle & Blood Vessels Histology Dr. Nadia	PHYSIOLOGY Cardiac Output Dr. Alina		LUNCH BREAK	BIOCHEMISTRY PRACTICAL TAGs Estimation Dr. Sabeen/Ms. Sabeela ABC-BIOCHEM LAB PHYSIOLOGY PRACTICAL ECG DEF-PHYSIO LAB
THUR Sept 19	9:00-10:30 ABC-Professional Communication LH001 - Ms. Ayesha Adil ANATOMY DEMONSTRATION Models & 3D Dissector DEF Dissection Hall Dr Asma / Dr. Sameen		10:45-11:15 ANATOMY Heart Conducting System & Nerve Supply Dr. Meesam		11:30-1:00 DEF-Professional Communication LH001 - Ms. Ayesha Adil PHYSIOLOGY PRACTICAL Heart Sounds ABC-PHYSIO LAB			ANATOMY DEMONSTRATION Models & 3D Dissector ABC Dissection Hall Dr Asma / Dr. Sameen PHYSIOLOGY PRACTICAL Heart Sounds DEF-PHYSIO LAB
FRI Sept 20	ANATOMY Heart Surface Markings, Valves & Major Vessels & Chest X-Ray Dr. Asma	PHYSIOLOGY Blood Pressure I1 Dr. Alina		BIOCHEMISTRY Lipid Transport Dr. Shahid	PHYSIOLOGY Blood Pressure II Dr. Alina			PRAYER

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CARDIOVASCULAR MODULE-WEEK 4

Lecture Venue: LH001

	9:00-9:50	9:55-10:45		11:15-12:05	12:10-1:00			1:30-3:00
MON Sept 23	ANATOMY Heart Development I (Heart Tube) Dr. Meesam	PHYSIOLOGY Blood Flow Local Control Dr. Sara		BIOCHEMISTRY Oxidants & Antioxidants Dr. Shaista	ANATOMY Heart Development II (Valves) Dr. Meesam	LUNCH BREAK	SELF STUDY / EXTRA CURRICULAR	LH001 - ISLAMIAT – Mr. Zahid Ali LH002 - ETHICS (Non-Muslims) – Ms. Saba Ahmed Revision
TUES Sept 24	A-AM-Anatomy Tutorial 2 B-TR1-Biochemistry Tutorial 2 C-TR2-Physiology Tutorial 2 D-Histo Lab-Anatomy Tutorial 2 E-TR3-Physiology Tutorial 2 F-TR4-Biochemistry Tutorial 2		PHYSIOLOGY Lymphatic System & Edema Dr. Sara	ANATOMY Cardiac Septa Formation Dr. Meesam	PHYSIOLOGY PRACTICAL Blood Pressure DEF-PHYSIO LAB A-TR1-Biochemistry Tutorial 2 B-TR2-Physiology Tutorial 2 C-AM-Anatomy Tutorial 2			
WED Sept 25	ANATOMY Congenital Heart Anomalies Dr. Meesam	PHYSIOLOGY Microcirculation Dr. Sara		ANATOMY Arterial System Development & Anomalies Dr. Baqir	PHYSIOLOGY IHD & Circulatory Shock Dr. Sadaf			PHYSIOLOGY PRACTICAL Blood Pressure ABC-PHYSIO LAB D-TR1-Biochemistry Tutorial 2 E-AM-Anatomy Tutorial 2 F-TR2-Physiology Tutorial 2
THUR Sept 26	ABC-Professional Communication LH001 - Ms. Ayesha Adil ANATOMY DEMONSTRATION Models & 3D Dissector DEF Dissection Hall Dr Sahrish / Dr. Sameen			DEF-Professional Communication LH001 - Ms. Ayesha Adil ANATOMY DEMONSTRATION Models & 3D Dissector ABC-Dissection Hall Dr Sahrish / Dr. Sameen				B-AM-Anatomy Tutorial 2 F-Histo Lab-Anatomy Tutorial 2 C-TR1-Biochemistry Tutorial 2 E-TR4-Biochemistry Tutorial 2 A-TR2-Physiology Tutorial 2 D-TR3-Physiology Tutorial 2
FRI Sept 27	ANATOMY Venous System Development & Anomalies Dr. Baqir	BIOCHEMISTRY Mineral Role in Blood Pressure Regulation Dr. Sabeen		PHYSIOLOGY CVS Adaptation to Exercise Dr. Alina	ANATOMY Fetal Circulation Dr. Baqir			PRAYER

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CARDIOVASCULAR MODULE-WEEK 5

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	9:00-9:50	9:55-10:45		11:15-12:05	12:10-1:00			1:30-3:00
MON Sept 30	9:00-10:30 ANATOMY PRACTICAL Histology Heart ABC-HISTO LAB-Dr. Nadia D-AM-Anatomy Tutorial 3 E-TR1-Physiology Tutorial 3 F: Skills Lab-Vital Signs-Physiology			11:15-12:45 ANATOMY PRACTICAL Histology Heart DEF-HISTO LAB-Dr. Nadia A-AM-Anatomy Tutorial 3 B-TR1-Physiology Tutorial 3 C: Skills Lab-Vital Signs-Physiology		LUNCH BREAK	SELF STUDY / EXTRA CURRICULAR	BIOCHEMISTRY PRACTICAL Total Cholesterol, HDL & LDL Estimation ABC-BIOCHEM LAB D: Skills Lab-Vital Signs-Physiology E-AM-Anatomy Tutorial 3 F-TR1-Physiology Tutorial 3
TUES Oct 1	9:00-10:30 ANATOMY DEMONSTRATION Models & 3D Dissector ABC-Dissection Hall Dr Sahrish / Dr. Sameen D-TR1-Physiology Tutorial 3 E: Skills Lab-Vital Signs-Physiology F-AM-Anatomy Tutorial 3			11:15-12:45 ANATOMY DEMONSTRATION Models & 3D Dissector DEF-Dissection Hall Dr Sahrish / Dr. Sameen A-TR1-Physiology Tutorial 3 B: Skills Lab-Vital Signs-Physiology C-AM-Anatomy Tutorial 3				BIOCHEMISTRY PRACTICAL Total Cholesterol, HDL & LDL Estimation DEF-BIOCHEM LAB A: Skills Lab-Vital Signs-Physiology B-AM-Anatomy Tutorial 3 C-TR1-Physiology Tutorial 3
WED Oct 2	EXAM PREPARATION			EXAM PREPARATION				
THUR Oct 3	CVS MODULE TEST							
FRI Oct 4	CVS MODULE TEST							
	Pre Professional Examination: October 21-November 1, 2024 Including Islamiyat / Ethics Examinations JSMU 1st Professional Scheduled to start December 9, 2024							
	All Professional Communication Assignments must be completed All Skills Labs must be passed Behavioral Sciences Assignments must be complete for those failing BS Tests							