

**1<sup>st</sup> YEAR MBBS (SESSION 2022-2023)**

**TIME TABLE OF CVS MODULE**

**Week-1 (Theme 1: Chest Pain)**

<u>Day/Date</u>	<u>08:00 - 09:00 am</u>	<u>09:00- 10:00 am</u>	<u>10:00 - 11:00 am</u>	<u>11:00 - 12:00 pm</u>	<u>12:00 - 01:00 pm</u>	<b>P r a y e r</b>	<u>01:05-02:00 pm</u>	<u>02:00-03:00 pm</u>
<b>Monday</b>	<b><u>Radiology</u></b> Radiology of the foot <b>Dr. Ehsan</b>	<b><u>Anatomy</u></b> Introduction to CVS <b>Dr. Qaiser</b>	<b><u>PRIME:</u></b> Communicate as a peer teacher <b>Dr. Naveed Afzal</b>	<b><u>Batches</u></b> <u>Batch A: Biochemistry SGD</u> <u>Batch B: Anatomy Practical</u> <u>Batch C: Physiology Practical</u> <u>Batch D: Skill lab Surgery</u>			<b>B r e a k</b>	<b><u>Harmony Symposium</u></b> Venue: OSPE HALL SECOND FLOOR MAIN BUILDING
<b>Tuesday</b>	<b><u>Anatomy</u></b> Pericardium <b>Dr. Wajahat</b>	<b><u>Physiology</u></b> Introduction to the physiology of Cardio- vascular system <b>Dr. Riffat</b>	<b><u>Biochemistry</u></b> Cardiac enzymes <b>Dr. Bella</b>	<b><u>Batches</u></b> <u>Batch A: Skill lab Surgery</u> <u>Batch B: Biochemistry SGD</u> <u>Batch C: Anatomy Practical</u> <u>Batch D: Physiology Practical</u>		<b><u>Anatomy</u></b> Gross anatomy of Heart <b>Dr. Waqar</b>		
<b>Wednesday</b>	<b><u>Physiology</u></b> Cardiac Muscle and its properties <b>Dr. Riffat</b>		<b><u>Batches</u></b> <u>Batch A: Physiology Practical</u> <u>Batch B: Skill lab Surgery</u> <u>Batch C: Biochemistry SGD</u> <u>Batch D: Anatomy Practical</u>		<b><u>LITERARY DAY</u></b> <b>(12 pm- 03 pm)</b>			
<b>Thursday</b>	<b><u>Exam Hall</u></b> <b>BLOCK-B (MSK-I Module OSPE)</b>							
<b>Friday</b>	<b><u>AUDITORIUM</u></b> <b>BLOCK-B (MSK-I Module Paper)</b>							

**Physiology Practical:** Pulse Dr. Fazeelat / Dr. Ushna/ Dr. Nighat/ Dr. Shandar

**Anatomy Practical:** Histology of Blood Vessels Dr. Najma Attaullah

**Biochemistry SGD:** Cardiac Enzymes Dr. Sikandar/ Dr. Saima

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**TIME TABLE OF CVS MODULE**

**Week-2 (Theme 1: Chest Pain)**

<u>Day/Date</u>	<u>08:00 - 09:00 am</u>	<u>09:00- 10:00 am</u>	<u>10:00 - 11:00 am</u>	<u>11:00 - 12:00 pm</u>	<u>12:00 - 01:00 pm</u>	<u>01:05-02:00 pm</u>	<u>02:00-03:00 pm</u>			
<b>Monday</b>	<b>Biochemistry</b> Clinical significance of enzymes <b>Dr. Bella</b>	<b>Physiology</b> Physiology of the Conducting System of the heart <b>Dr. Farida</b>	<b>Batches</b> <u>Batch A: Anatomy Practical</u> <u>Batch B: Physiology</u> <u>Batch C: Skill lab Surgery</u> <u>Batch D: Biochemistry</u>		<b>LITERARY DAY</b> (12 pm- 03 pm)					
<b>Tuesday</b>	<b>Anatomy (SGD)</b> Models of heart <b>GROUP-A (Dr.Hira)</b> <b>GROUP-B (Dr. Wajahat)</b> <b>GROUP-C (Dr. Qurat ul ain)</b>		<b>Batches</b> <u>Batch A: Anatomy Practical</u> <u>Batch B: DSL anatomy museum</u> <u>Batch C: Skill lab Medicine</u> <u>Batch D: Biochemistry</u>	<b>Anatomy</b> Nerves of the heart <b>Dr. Qaiser</b>				<b>Physiology</b> Action potential of cardiac muscles & Excitation contraction Coupling <b>Dr. Farida</b>		
<b>Wednesday</b>	<b>Anatomy</b> Great vessels and surface anatomy of heart <b>Dr. Waqar</b>	<b>Anatomy</b> Coronary Circulation of the heart <b>Dr. Hira</b>	<b>Batches</b> <u>Batch A: Biochemistry</u> <u>Batch B: Anatomy Practical</u> <u>Batch C: DSL anatomy museum</u> <u>Batch D: Skill lab Medicine</u>					<b>Forensic Medicine</b> Medico legal Aspects of sudden Death due to cardiovascular disease <b>Dr. Iftikhar</b>	<b>Biochemistry</b> Classification of lipids, simple lipids, compound lipids, derived lipids, miscellaneous <b>Dr. Bella</b>	
<b>Thursday</b>	<b>Anatomy</b> Development of heart-1 <b>Dr. Waqar</b>		<b>Batches</b> <u>Batch A: Skill lab Medicine</u> <u>Batch B: Biochemistry</u> <u>Batch C: Anatomy Practical</u> <u>Batch D: DSL anatomy museum</u>					<b>Biochemistry</b> Derived lipids <b>Dr. Bella</b>	<b>Anatomy (SGD)</b> Myocardial Infaction (MI) <b>Dr. Qaiser/ Dr. Najma/ Dr. Khush Bakht/ dr. Shimmi</b>	
<b>Friday</b>	<b>Anatomy</b> Development of heart-2 <b>Dr. Waqar</b>	<b>PRIME: Behavioral Sciences</b> Accept errors and mistakes in responsible manner <b>Dr. Wajid/ Dr. Amer Abbas</b>	<b>Batches</b> <u>Batch A: DSL anatomy museum</u> <u>Batch B: Skill lab Medicine</u> <u>Batch C: Biochemistry</u> <u>Batch D: Anatomy Practical</u>					<b>Biochemistry</b> Alcohols <b>Dr. Bella</b>	<b>Jumma Break</b>	<b>ISLAMİYAT/ PAK STUDIES</b>

**Physiology Practical: Pulse** Dr. Fazeelat / Dr. Ushna/ Dr. Nighat/ Dr. Shandar

**Anatomy Practical: Histology of Blood Vessels** Dr. Najma Attaullah

**Biochemistry SGD: Cardiac Enzymes** Dr. Sikandar/ Dr. Saima

**Anatomy Practical: Histology of heart Muscles** Dr. Najma Attaullah

**Physiology Practical: Blood Pressure** Dr. Fazeelat / Dr. Ushna/ Dr. Nighat/ Dr. Shandar

**Biochemistry SGD: Beri Beri** Dr. Sikandar/ Dr. Saima

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**TIME TABLE OF CVS MODULE**

**Week-3 (Theme 2: Breathlessness & Ankle Swelling)**

<u>Day/Date</u>	<u>08:00 - 09:00 am</u>	<u>09:00- 10:00 am</u>	<u>10:00 - 11:00 am</u>	<u>11:00 - 12:00 pm</u>	<u>12:00 - 01:00 pm</u>	<u>01:05-02:00 pm</u>	<u>02:00-03:00 pm</u>	
Monday	<b>INDEPENDENCE DAY</b>					<b>P r a y e r  B r e a k</b>	<b>INDEPENDENCE DAY</b>	
Tuesday	<b>SUMMER VACATION</b>						<b>SUMMER VACATION</b>	
Wednesday	<b><u>Anatomy</u></b> Foetal Circulation (Embryology) <b>Dr. Waqar</b>	<b><u>Biochemistry</u></b> Compound Lipids <b>Dr. Bella</b>	<b><u>Anatomy</u></b> Histology of heart <b>Dr. Shahab</b>	<b><u>Batches</u></b> <u>Batch A: Physiology Practical</u> <u>Batch B: DSL anatomy museum</u> <u>Batch C: Skill lab Surgery</u> <u>Batch D: Biochemistry</u>			<b><u>Pathology</u></b> Risk Factors and Lab diagnosis of CAD Stages of atherosclerosis <b>Dr. Saima Hashim</b>	<b><u>Community Medicine</u></b> Prevention of Hypertension <b>Dr. Salma</b>
Thursday	<b><u>Physiology</u></b> Introduction to Normal ECG & characteristics of ECG (ECG leads and ECG paper calibration) <b>Dr. Afsheen</b>	<b><u>Anatomy</u></b> Developmental anomalies-1 <b>Dr. Waqar</b>	<b><u>Physiology</u></b> Normal ECG & its significance <b>Dr. Afsheen</b>	<b><u>Batches</u></b> <u>Batch A: Biochemistry</u> <u>Batch B: Physiology Practical</u> <u>Batch C: DSL anatomy museum</u> <u>Batch D: Skill lab Surgery</u>			<b><u>Biochemistry</u></b> Eicosanoids <b>Dr. Bella</b>	<b><u>Community Medicine</u></b> Prevention of CVD <b>Dr. Salma</b>
Friday	<b><u>Pharmacology</u></b> Drugs used for Angina and MI <b>Dr. Tawab</b>	<b><u>Physiology (SGD)</u></b> ECG timings & Intervals <b>Dr. Gul Mohammed/ Dr. Sarah/. Farhan</b>		<b><u>Batches</u></b> <u>Batch A: Skill lab Surgery</u> <u>Batch B: Biochemistry</u> <u>Batch C: Physiology Practical</u> <u>Batch D: DSL anatomy museum</u>			<b><u>Jumma Break</u></b>	<b>ISLAMİYAT/ PAK STUDIES</b>

**Physiology Practical:** Apex Beat **Dr. Fazeelat / Dr. Ushna/ Dr. Nighat/ Dr. Shandar**

**Biochemistry:** Determination of Cholesterol **Dr. Sikandar/ Dr. Saima**

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**TIME TABLE OF CVS MODULE**

**Week-4 (Theme 2: Breathlessness & Ankle Swelling)**

<u>Day/Date</u>	<u>08:00 - 09:00 am</u>	<u>09:00- 10:00 am</u>	<u>10:00 - 11:00 am</u>	<u>11:00 - 12:00 pm</u>	<u>12:00 - 01:00 pm</u>	<b>P r a y e r  B r e a k</b>	<u>01:05-02:00 pm</u>	<u>02:00-03:00 pm</u>
<b>Monday</b>	<b>Physiology</b> Cardiac Cycle-1 <b>Dr. Zubia Shah</b>		<b>Pharmacology</b> Anti-Hypertensive drugs <b>Dr. Fahad</b>	<b>Batches</b> <u>Batch A: DSL anatomy museum</u> <u>Batch B: Skill lab Surgery</u> <u>Batch C: Biochemistry</u> <u>Batch D: Physiology Practical</u>			<b>Biochemistry (SGD)</b> Vitamin-B1 (Thiamine)-1 <b>Dr. Gulnaz/ Dr. Anum/ Dr. Kalsoom</b>	
<b>Tuesday</b>	<b>Physiology</b> Cardiac Cycle-2, heart valves & heart sounds <b>Dr. Zubia Shah</b>		<b>Physiology</b> Regulation of Heart pumping <b>Dr. Farida</b>	<b>Batches</b> <u>Batch A: Physiology Practical</u> <u>Batch B: DSL anatomy museum</u> <u>Batch C: Skill lab Medicine</u> <u>Batch D: Biochemistry</u>			<b>Physiology</b> Coronary circulation, coronary insufficiency & its correlation with ECG <b>Dr. Afsheen</b>	
<b>Wednesday</b>	<b>Physiology</b> Blood Pressure-1 (Acute regulation of arterial blood pressure) <b>Dr. Zubia Shah</b>		<b>Pharmacology</b> Lipid lowering drugs <b>Dr. Abida</b>	<b>Batches</b> <u>Batch A: Biochemistry</u> <u>Batch B: Physiology Practical</u> <u>Batch C: DSL anatomy museum</u> <u>Batch D: Skill lab Medicine</u>			<b>Physiology (SGD)</b> ECG normal timings & intervals and their significance <b>Dr. Fazeelat/ Dr. Ushna/ Dr. Nighat</b>	
<b>Thursday</b>	<b>Physiology</b> Blood Pressure-2 (Long term regulation of arterial blood pressure) <b>Dr. Zubia Shah</b>		<b>Anatomy</b> Developmental anomalies-2 <b>Dr. Waqar</b>	<b>Batches</b> <u>Batch A: Skill lab Medicine</u> <u>Batch B: Biochemistry</u> <u>Batch C: Physiology Practical</u> <u>Batch D: DSL anatomy museum</u>			<b>Anatomy (SGD)</b> Heart Sounds (Dextocardia) <b>Dr. Qaiser/ Dr. Najma/ Dr. Khush Bakht/ Dr. Gul e Lala</b>	
<b>Friday</b>	<b>Physiology</b> Microcirculation, Lymphatic system <b>Dr. Zubia Shah</b>		<b>Medicine</b> Heart Failure <b>(to be nominated by Chairman of Department)</b>	<b>Batches</b> <u>Batch A: DSL anatomy museum</u> <u>Batch B: Skill lab Medicine</u> <u>Batch C: Biochemistry</u> <u>Batch D: Physiology Practical</u>			<b>Jumma Break</b>	<b>ISLAMIYAT/ PAK STUDIES</b>

**Physiology Practical:** Apex Beat **Dr. Fazeelat / Dr. Ushna/ Dr. Nighat/ Dr. Shandar**

**Biochemistry:** Determination of Cholesterol **Dr. Sikandar/ Dr. Dr. Saima**

**Physiology Practical:** ECG Recording **Dr. Fazeelat / Dr. Ushna/ Dr. Nighat/ Dr. Shandar**

**Biochemistry:** SGD on role of calcium & magnesium in cardiac muscles **Dr. Sikandar/ Dr. Saima**

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**TIME TABLE OF CVS MODULE**

**Week-5 (Theme 2: Breathlessness & Ankle Swelling, Theme 3: Palpitation/ Irregular Pulse)**

<u>Day/Date</u>	<u>08:00 - 09:00 am</u>	<u>09:00- 10:00 am</u>	<u>10:00 - 11:00 am</u>	<u>11:00 - 12:00 pm</u>	<u>12:00 - 01:00 pm</u>	<u>01:05-02:00 pm</u>	<u>02:00-03:00 pm</u>
<b>Monday</b>	<b>Physiology</b> Hypertension Dr. Zubia Shah	<b>Physiology</b> Local blood flow (Short/ Long term control) Dr. Sarah Shahid	<b>Physiology</b> Abnormal Rhythms Dr. Afsheen	<b>Batches</b> Batch A: Physiology Practical Batch B: DSL anatomy museum Batch C: Skill lab Surgery Batch D: Biochemistry		<b>Biochemistry (SGD)</b> Vitamin-B1 (Thiamine)-2 Dr. Gulnaz/ Dr. Anum/ Dr. Kalsoom	
<b>Theme 3: Palpitation/ Irregular Pulse</b>						<b>Theme 3: Palpitation/ Irregular Pulse</b>	
<b>Tuesday</b>	<b>Physiology</b> Abnormal Rhythms Dr. Afsheen		<b>Physiology</b> Venous return and its relationship with cardiac output (Preload, Afterload) Dr. Sarah Shahid	<b>Batches</b> Batch A: Biochemistry Batch B: Physiology Practical Batch C: DSL anatomy museum Batch D: Skill lab Surgery		<b>Physiology</b> Heart Block Dr. Afsheen	<b>Physiology</b> Cardiac output & it's measurements Dr. Sarah Shahid
<b>Wednesday</b>	<b>Physiology</b> Basics of heart failure (High output and low output heart failure) Dr. Afsheen		<b>Physiology</b> Shock definition , types, causes and management-1 Dr. Farida	<b>Batches</b> Batch A: Skill lab Surgery Batch B: Biochemistry Batch C: Physiology Practical Batch D: DSL anatomy museum		<b>Physiology</b> Shock definition , types, causes and management-2 Dr. Farida	<b>MENTORSHIP PROGRAM</b>
<b>RESPIRATORY MODULE</b> <b>Theme 1: Chest Wall Injury</b>						<b>RESPIRATORY MODULE</b> <b>Theme 1: Chest Wall Injury</b>	
<b>Thursday</b>	<b>Physiology (SGD)</b> Heart failure & Shock Dr. Farhan / Dr. Shandar		<b>Biochemistry</b> Enzymes Dr. Bella	<b>Batches</b> Batch A: DSL anatomy museum Batch B: Skill lab Surgery Batch C: Biochemistry Batch D: Physiology Practical		<b>Anatomy</b> Introduction to thoracic wall Dr. Qaiser	
<b>Friday</b>	<b>Physiology</b> Mechanics of Respiration Dr. Zubia Shah		<b>Anatomy</b> Intercostal space Dr. Qaiser	<b>Anatomy (SGD)</b> Thoracic vertebrae, ribs osteology <b>GROUP-A</b> (Dr.Hira) <b>GROUP-B</b> (Dr. Wajahat) <b>GROUP-C</b> (Dr. Qurat ul ain)		<b>Jumma Break</b>	<b>ISLAMIYAT/ PAK STUDIES</b>

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Physiology Practical: JVP Dr. Fazeelat / Dr. Ushna/ Dr. Nighat/ Dr. Shandar  
Biochemistry: SGD on Mechanism of enzyme activity Dr. Sikandar/ Dr. Saima