

Lectures outline for the cardiovascular system 2024

	Subject	No.	In-person lectures	No.	Asynchronized lectures
Week 1	Anatomy	2	-Superior mediastinum. -Middle and posterior mediastinum.	0	
	Physiology	2	-Electrical activity of the heart. -Electrical activity of the heart.	1	-Electrical activity of the heart.
Week 2	Anatomy	3	-Pericardium. -External heart morphology. -Heart innervation and surface anatomy.	2	-Heart chambers. -Heart valves and blood supply.
	Physiology	3	-Electrical activity of the heart. -Mechanical events of cardiac cycle.	2	-Mechanical events of cardiac cycle. -Mechanical events of cardiac cycle.
	Pharmacology	1	-Antihypertensive drugs.	1	-Antihypertensive drugs.
	Microbiology	1	Infective endocarditis.	1	Viral hemorrhagic fever.
Week 3	Anatomy	2	-Development of the heart 1. -Development of the heart 2.	0	
	Physiology	3	-Mechanical events of cardiac cycle. -Cardiac output and venous return. -Cardiac output and venous return.	0	
	Pharmacology	2	-Antihypertensive drugs. -Anti-angina drugs.	1	-Anti-angina drugs.
	Pathology	1	-Thrombosis. (for final exam)	0	
Week 4	Anatomy	1	-Development of veins.	2	-Development of arteries. -Histology.
	Physiology	3	-Vascular hemodynamics. -Vascular hemodynamics. -Regulation of blood pressure and blood flow.	1	-Vascular hemodynamics.
	Pharmacology	2	-Anti-heart failure drugs. -Anti-heart failure drugs.	0	
	Pathology	3	-Embolism and infarction. -Arteriosclerosis. -Aneurysms.	2	-Veins and lymphatics. -Hypertensive vascular disease.

Week 5	Anatomy	0		1	-Practical histology and radiology of the heart.
	Physiology	2	-Regulation of blood pressure and blood flow. -Microcirculation and lymphatics.	1	-Regulation of blood pressure and blood flow.
	Pharmacology	2	-Anti-hyperlipidemia. -Anti-arrhythmia.	1	-Anti-hyperlipidemia.
	Pathology	2	-Ischemic heart disease/1. -Valvular heart disease.	2	-Ischemic heart disease/2. -Neoplasms of CVS.
Week 6	Clinical		-Cardiology.	1	
			-Cardiovascular surgery.	1	
			-Pediatric cardiology.	1	