

In the Name of God
Schedule for Pathophysiology 1

Clinical and Communication skill Courses
(Imam Khomeini and Amir A'lam Hospitals)

		08:30-10:30	10:30-12:30	13:30-15:30
Saturday	2017.09.23	Introduction to clinical medicine Dr. Nasser Moghaddam	Introduction to clinical reasoning Dr. Nasser Moghaddam	Determining the practical semiology days coordination between student and teacher
Sunday	2017.09.24	Pain Dr. Esfanbod	Headache Dr. sarraf	Dysuria/Polyuria/Polydipsia Oliguria Dr. Mousavi Movahed/
Monday	2017.09.25	Jaundice Dr. Amani	Fever, chills, & fever of undetermined origin (FUO) Dr. Sarvari	Palpitation and cyanosis Dr. Sima
Tuesday	2017.09.26	Nausea and vomiting Dr. Darbani	Chest pain Dr. Sohrabpor	Weight gain and weight loss Dr. Ali Asgari
Wednesday	2017.09.27	Dizziness/Vertigo & fainting Dr. Fatehi	Cough & Hemoptysis Dyspnea Dr. Gohari Moghaddam	Diarrhea/Constipation Dr. Amani
Thursday	2017.09.28	Public Holiday		
Friday	2017.09.29	Public Holiday		
Saturday	2017.09.30	Public Holiday		
Sunday	2017.10.01	Public Holiday		
Monday	2017.10.02	Lecture: Communicational Models and the Importance of teaching these skills	Lecture: Introduction to the Calgary Cambridge Model (1)	Lecture: Introduction to the Calgary Cambridge Model (2)
Tuesday	2017.10.03	Small Group: Showing Film and Discussing the components of the Calgary Cambridge Guide	Small Group: Role- playing of the components of the Calgary- Cambridge Guide	Lecture: Difficult communication Skill 1
Wednesday	2017.10.04	Interview with the Standardized patient	Center of interview with the standardized patient	Lecture: Difficult communication Skill 2
Thursday	2017.10.05	Public Holiday		
Friday	2017.10.06	Public Holiday		

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Saturday	2017.10.07	Low back pain Arthralgia/Arthritis Dr. Kavousi	Abdominal pain Dr. Mer'at	Altered level of consciousness Dr. Azimi
Wednesday	2017.10.11	Clinical Skills Exam: 13.30 P. M- Medical faculty		

Course	Clinical Skills	Communication Skills
Venue	Medical faculty: Tebbe Tajrobi hall	Medical faculty: Tebbe Tajrobi hall

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Introduction Course

		08:30-10:30		10:30-12:30		13:30-15:30
Saturday	2017.10.14	pharmacology General principles & introduction	Pharmacology Drug Receptors & Pharmacodynamics (1)	Pharmacology Drug Receptors & Pharmacodynamics (2)	Pharmacology Intracellular Signaling Mechanisms	Immunology Basics of Use and interpretation of immunologic Tests
Sunday	2017.10.15	Pharmacology Pharmacokinetics (Absorption, Distribution, Extraction)1&2		Pharmacology Drug metabolism	Pharmacology Basic and clinical evaluation of new drugs	Immunology Immunodeficiency diseases
Monday	2017.10.16	Pharmacology Introduction to Autonomic Nervous system	Pharmacology Cholinoceptor activating & Cholinesterase-Inhibiting drugs	Pharmacology Cholinoceptor blocking drugs		
Tuesday	2017.10.17	Pharmacology Adrenoceptor agonist & sympathomimetic drugs & Adrenoceptor antagonist drugs		Immunology Immunology of Infectious Diseases		
Saturday	2017.10.21	Final exam: 10.30 A. M- Medical faculty				

Course	Pharmacology	Immunology
Venue	Medical faculty: Tebbe Tajrobi hall	Medical faculty: Tebbe Tajrobi hall

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Nephrology Course

		08:30-10:30	10:30-12:30	13:30-15:30
Sunday	2017.10.22	Nephrology Anatomy and physiology of Kidney	Nephrology Semiology of kidney diseases	Immunology Immunology of implantation
Monday	2017.10.23	Theoretical pathology Diseases of the Kidney and Lower Urinary Tract	Nephrology volume and osmolality disorders	
Tuesday	2017.10.24	Theoretical pathology Diseases of the Kidney and Lower Urinary Tract	Nephrology Disorders of Sodium Concentration	Theoretical pharmacology Antihypertensive drugs
Wednesday	2017.10.25	Theoretical pathology Diseases of the Kidney and Lower Urinary Tract	Nephrology Nephrotic and Nephritic syndromes	Theoretical pharmacology Diuretic drugs
Thursday	2017.10.26	Public Holiday		
Friday	2017.10.27	Public Holiday		
Saturday	2017.10.28	Theoretical pathology Pathology of male genital diseases	Nephrology Potassium (1)	
Sunday	2017.10.29	Nephrology Acids and Bases (1)	Nephrology Acute renal failure	
Monday	2017.10.30	Nephrology Potassium (2)	Nephrology Acids and Bases (2)	Practical pathology Pyelonephritis, Renal cell carcinoma, nodular prostatic hyperplasia, bladder carcinoma and seminoma
Tuesday	2017.10.31	Nephrology Hypertension	Nephrology Chronic renal failure	
Wednesday	2017.11.01	Nephrology Hemodialysis and peritoneal dialysis	Nephrology Diabetes and systemic disease in the kidney	
Thursday	2017.11.02	Public Holiday		
Friday	2017.11.03	Public Holiday		
Saturday	2017.11.04	Nephrology Nephrolithiasis and Urinary tract infection	Nephrology pregnancy in polycystic kidney disease	case based discussion

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Wednesday	2017.11.08	Pharmacology and pathology exam: 13.30 P.M, Medicine faculty
Tuesday	2017.11.14	Internal exam: 13.30 P. M- Medical faculty

Course	Pathophysiology and case-based discussion	Pathology	Pharmacology	Immunology	Vertical integrated them	Practical pathology
Venue	Medical faculty: class 3	Medical faculty: class 3	Medical faculty: Tebbe Tajrobi hall	Medical faculty: Tebbe Tajrobi hall	Medical faculty: class 3	Medical faculty: Habibi hall

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Cardiology Courses

		08:30-10:30	10:30-12:30	13:30-15:30
Monday	2017.11.20	Theoretical pathology Pathology of Heart Disease	Cardiology Normal cardiovascular system	
Tuesday	2017.11.21	Theoretical pathology Manifestations of cardiovascular disease	Cardiology paraclinical studies in cardiovascular diseases	Cardiology ECG
Wednesday	2017.11.22	Theoretical pathology Pathology of Heart Disease	Cardiology Principles of normal cardiac electrophysiology and Heart Blocks	Immunology Immunodermatology
Thursday	2017.11.23	Public Holiday		
Friday	2017.11.24	Public Holiday		
Saturday	2017.11.25	Theoretical pathology Pathology of vascular diseases	Cardiology Cardiac Arrhythmias and Cardiopulmonary resuscitation	
Sunday	2017.11.26	Theoretical pathology Pathology of vascular diseases	Cardiology Mitral and tricuspid valve diseases	
Monday	2017.11.27	Theoretical pathology Pathology of Dermatologic Diseases	Cardiology Aortic and pulmonary valves diseases	
Tuesday	2017.11.28	Cardiology Coronary Artery Diseases (1)	Cardiology Pericardial Diseases and Infective Endocarditis	Practical pathology Atherosclerosis, Myocardial infarction, Temporal arteritis, Lymphangioma
Wednesday	2017.11.29	Cardiology Diseases of Arteries and Veins	Cardiology Coronary Artery Diseases (2)	Practical pathology Squamous cell carcinoma, Basal cell carcinoma, Melanocytic nevus, Malignant melanoma
Thursday	2017.11.30	Public Holiday		
Friday	2017.12.01	Public Holiday		
Saturday	2017.12.02	Cardiology Arterial hypertension	Cardiology Cardiomyopathy	

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Sunday	2017.12.03	Cardiology Congenital heart disease		Theoretical pharmacology Hyperlipidemic drugs	Theoretical pharmacology Heart glycosides & Heart failure medication	Theoretical pharmacology Antiarrhythmic drugs, Vasodilators and Angina pectoris treatment
Monday	2017.12.04	Cardiology Heart & Pregnancy	Cardiology Decreasing arterial blood pressure (Shock)	Cardiology Heart failure		case based discussion
Monday	2017.12.11	Internal exam: 13.30 P. M- Medical faculty				
Saturday	2017.12.16	Pharmacology and pathology exam: 13.30 P.M, Medicine faculty				

Course	Pathophysiology and case-based discussion	Pathology	Pharmacology	Immunology	Vertical integrated them	Practical pathology
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Schedule for Pathophysiology 1
Endocrinology Course

		08:30-10:30	10:30-12:30	13:30-15:30	
Sunday	2017.12.17	Theoretical pathology Breast Diseases	Endocrinology Introduction to endocrinology		
Monday	2017.12.18	Theoretical pathology Pathology of endocrine disorders	Endocrinology Disorders of the anterior pituitary and hypothalamus		
Tuesday	2017.12.19	Theoretical pathology Pathology of endocrine disorders	Endocrinology Thyroid: introduction, Thyroid function tests	Theoretical pharmacology Hypothalamus & Pituitary gland hormones (posterior -anterior)	
Wednesday	2017.12.20	Theoretical pathology Pathology of Gynecological Disorders	Endocrinology Adrenal cortex disorders	Theoretical pharmacology Thyroid hormones and anti-thyroid drugs Pancreatic hormones & Anti-diabetic drugs	
Thursday	2017.12.21	Public Holiday			
Friday	2017.12.22	Public Holiday			
Saturday	2017.12.23	Theoretical pathology Pathology of Gynecological Disorders	Endocrinology Adrenal cortex disorders	Immunology Immunology of fertility and infertility	
Sunday	2017.12.24	Theoretical pathology Pathology of Gynecological Disorders	Endocrinology Types of Goiters, Thyroid nodules, Thyroid cancer	Theoretical pharmacology Calcium homeostasis drugs	Theoretical pharmacology Corticosteroids
Monday	2017.12.25	Endocrinology Diabetes: definition, diagnosis, treatment	Endocrinology Acute complications of diabetes mellitus, Diabetic Ketoacidosis, Hyperosmolar Hyperglycemic Nonketotic Syndrome	Practical pathology Breast Fibroadenomas, Breast Carcinoma, Hydatidiform mole, Choriocarcinoma	

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Tuesday	2017.12.26	Endocrinology Nuclear medicine in diagnosis and management of endocrine disorders)	Immunology Hirsutism and amenorrhea	Theoretical pharmacology Gonadal hormones & inhibitors
Wednesday	2017.12.27	Endocrinology Hypocalcemia, Hypercalcemia, Osteomalacia, Osteoporosis	Endocrinology Dyslipidemia	Practical pathology Endometrial hyperplasia, Endometrial carcinoma, Ovarian follicular cyst, Ovarian carcinoma
Thursday	2017.12.28	Public Holiday		
Friday	2017.12.29	Public Holiday		
Saturday	2017.12.30	Endocrinology Posterior Pituitary and Gonadal disorders (Male Hypogonadism)	Endocrinology Thyroiditis and Hypoglycemia	
Sunday	2017.12.31	Endocrinology , Metabolic syndrome, Obesity	Endocrinology Chronic Complications Of Diabetes	Immunology Immunology of endocrine disorders
Monday	2018.01.01	Endocrinology Hypo-thyroids and hyper- thyroids	case based) (discussion	Practical pathology multinodular goiter, Hashimoto's thyroiditis , Thyroid carcinoma
Monday	2018.01.08	Internal exam: 13.30 P.M – Medicine Faculty		
Saturday	2018.01.13	Pharmacology and Pathology exam: 13.30 P.M – Medicine Faculty		

Course	Pathophysiology and case-based discussion	Pathology	Pharmacology	Immunology	Vertical integrated them	Practical pathology
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Schedule for Pathophysiology 1
Gastrointestinal Disease Course

		08:30-10:30	10:30-12:30	13:30-15:30	
Sunday	2018.01.14	Theoretical pathology Pathology of Gastrointestinal Diseases	Gastrointestinal Diseases Gastroesophageal reflux and Esophagitis	Gastrointestinal Diseases Dyspepsia	
				Theoretical pharmacology Histamine	
				Theoretical pharmacology Histamine antagonist drugs	
Monday	2018.01.15	Theoretical pathology Pathology of Gastrointestinal Diseases	Gastrointestinal Diseases Malabsorption Syndrome (1)	Gastrointestinal Diseases Malabsorption Syndrome (2)	
Tuesday	2018.01.16	Theoretical pathology Pathology of Gastrointestinal Diseases	Gastrointestinal disease: Peptic Ulcer		
Wednesday	2018.01.17	Theoretical pathology Pathology of Gastrointestinal Diseases	Gastrointestinal Diseases Acute and Chronic Pancreatitis		
Thursday	2018.01.18	Public Holiday			
Friday	2018.01.19	Public Holiday			
Saturday	2018.01.20	Theoretical pathology Liver and biliary system and pancreas	Gastrointestinal disease: Intestinal & peritoneal tuberculosis	Gastrointestinal disease: Tumors of Stomach and Esophageal	
				Immunology Immunology of liver and Gastrointestinal diseases	
Sunday	2018.01.21	Theoretical pathology Liver and biliary system and pancreas	Gastrointestinal Diseases Irritable bowel syndrome (IBS)	Gastrointestinal disease: Bleeding of the gastrointestinal System	
Monday	2018.01.22	Theoretical pathology Liver and biliary system and pancreas	Gastrointestinal Diseases NSAID-related gastrointestinal complications	Gastrointestinal Diseases Acute and chronic Diarrhea	
				Practical pathology Hemorrhoid Juvenile Polyposis Syndrome Adenocarcinoma of stomach or colon	
Tuesday	2018.01.23	Gastrointestinal Diseases Acute and chronic hepatitis	Gastrointestinal Diseases Crohn's disease	Gastrointestinal Diseases Ulcerative colitis	
				Practical pathology Pleomorphic adenoma of salivary gland, Cirrhosis and Hepatocellular carcinoma	

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		08:30-10:30		10:30-12:30		13:30-15:30	
Wednesday	2018.01.24	Gastrointestinal Diseases Cirrhosis of liver	Gastrointestinal Diseases AIH and Drug-induced hepatitis	Gastrointestinal Diseases Liver Tests Interpretation	Gastrointestinal Diseases Cirrhosis and Complications		
Thursday	2018.01.25	Public Holiday					
Friday	2018.01.26	Public Holiday					
Saturday	2018.01.27	Gastrointestinal Diseases Cancers of the Pancreas, Gall Bladder and Liver)	Gastrointestinal Diseases Ascites, Peritoneal Disorders	Gastrointestinal Diseases Fatty Liver Disease and NAHS	Gastrointestinal Diseases Gallstones, Cholestasis (PBC, PSC)		
Sunday	2018.01.28	pharmacology Serotonin	pharmacology Histamine antagonist drugs	Pharmacology Gastrointestinal Medicine			
Monday	2018.01.29	Gastrointestinal Diseases Wilson's disease and Hemochromatosis	Gastrointestinal Diseases Tumors of the small intestine and colon	Gastrointestinal Diseases Parasitic infections of the gastrointestinal tract and Hydatid Cysts			
Tuesday	2018.01.30	Immunology Immunology and Nutrition		case based discussion			
Monday	2018.02.05	Internal exam: 13.30 P.M – Medicine Faculty					
Monday	2018.02.12	Pharmacology and Pathology exam: 13.30 P.M – Medicine Faculty					
Wednesday	2018.02.14	Immunology exam: 13.30 P.M – Medicine Faculty					

Course	Pathophysiology and case-based discussion	Pathology	Pharmacology	Immunology	Vertical integrated them	Practical Pathology
Venue	Medical faculty: class 3	Medical faculty: class 3	Medical faculty: Tebbe Tajrobi hall	Medical faculty: Tebbe Tajrobi hall	Medical faculty: class 3	Medical faculty: Habibi hall