

In the Name of God  
**Schedule for the Pathophysiology 2**

**Schedule of Pulmonary Courses**  
**(Imam Khomeini and Amir A'lam Hospitals)**

		8:30 – 10:30		10:30 – 12:30		13:30 – 15:30	
Saturday	2017/09/23	Pathology Lung Diseases		Introduction to Anatomy and semiology of respiratory system		Pharmacology <i>Sulfonamide, Trimethoprim, Fluoroquinolone</i>	Pharmacology Anti-asthmatic drugs
Sunday	2017/09/24	Pathology Lung Diseases		Ventilation, Perfusion, respiratory mechanics and control		Pharmacology <i>Chloramphenicol, Tetracyclines, Aminoglycosides, polymixins</i>	
Monday	2017/09/25	Pathology Lung Diseases		Para clinical tests for diagnosis of Lung diseases		Pharmacology prenatal & pediatrics pharmacology & Geriatric Pharmacology	
Tuesday	2017/09/26	Viral and Bacterial pneumonia		Defense Mechanisms			
Wednesday	2017/09/27	Chronic obstructive pulmonary disorders (COPD)		Chronic obstructive pulmonary disorders (Bronchial asthma)			
Thursday	2017/09/28	<b>Public Holiday</b>					
Friday	2017/09/29	<b>Public Holiday</b>					
Saturday	2017/09/30	<b>Public Holiday</b>					
Sunday	2017/10/01	<b>Public Holiday</b>					
Monday	2017/10/02	Pulmonary embolism		Pulmonary tuberculosis		Practical pathology Emphysema, Pneumonia, Bronchiectasis, Pulmonary edema, Lung carcinoma, 1 <sup>st</sup> group	
Tuesday	2017/10/03	Pulmonary tuberculosis	Interstitial lung diseases	Interstitial lung diseases with known and unknown etiology		Practical pathology Emphysema, Pneumonia, Bronchiectasis, Pulmonary edema, Lung carcinoma, 2nd group	
Wednesday	2017/10/04	Pathophysiology of pleural disorders		Acid–base balance		Practical pathology Emphysema, Pneumonia, Bronchiectasis, Pulmonary edema, Lung carcinoma, 3rd group	
Thursday	2017/10/05	<b>Public Holiday</b>					
Friday	2017/10/06	<b>Public Holiday</b>					

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Saturday	2017/10/07	Lung tumors		Respiratory distress and ARDS	Pharmacology Tuberculosis and leprosy	Pharmacology Anti- fungal drugs
Sunday	2017/10/08	Pharmacology beta-lactam antibiotics	Pharmacology Principles of chemotherapy	Immunology Immunology: Effects of Aging on the Immune System	Pharmacology antiseptics	
Monday	2017/10/09	Pharmacology <i>Dermatopharmacology</i>	Pharmacology Antiviral drugs	Immunology Respiratory Allergy, Food Allergy and Drug Allergy		
Tuesday	2017/10/10	Sleeping disorders	Bronchiectasis and Lung abscess	(case based discussion)		
Monday	2017/10/16	<b>Internal Exam: 13.30 P. M- Medical faculty</b>				
Saturday	2017/10/21	<b>Pharmacology and pathology exam: 13.30 P.M, Medicine faculty</b>				

Course	Pathophysiology and case- based discussion	Pathology	Pharmacology	Immunology	Vertical integrated Themes	Practical Pharmacology
Venue	Imam Hospital: Kaboli Hall	Imam Hospital: Kaboli Hall	Imam Hospital: Tebbe Tajrobi Hall	Imam Hospital: Tebbe Tajrobi Hall	Medical Faculty: Class 3	Medical faculty Habibi hall

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**Schedule of Rheumatology Course**

		8:30 – 10:30	10:30 – 12:30	13:30 – 15:30
Sunday	2017/10/22	<b>Pathology</b> CNS Diseases	Introduction and principles of rheumatology	
Monday	2017/10/23	<b>Pathology</b> CNS Diseases	RA, JRA, <i>Sjogren's syndrome</i>	
Tuesday	2017/10/24	<b>Pathology</b> CNS Diseases	Ankylosing <i>spondylitis</i> (AS)	
Wednesday	2017/10/25	Bone, Joint, and Muscle Disorders	Systemic lupus erythematosus	
Thursday	2017/10/26	<b>Public Holiday</b>		
Friday	2017/10/27	<b>Public Holiday</b>		
Saturday	2017/10/28	<b>Pathology</b> Bone, Joint, and Muscle Disorders	Scleroderma	
Sunday	2017/10/29	<b>Practical Pharmacology 1</b>	<b>Practical Pharmacology 1</b>	
Monday	2017/10/30	<b>Pathology</b> Bone, Joint, and Muscle Disorders	Vasculitis	
Tuesday	2017/10/31	Other Seronegative Arthropathies	Polymyositis, Dermatomyositis	<b>Practical pathology:</b> Osteosarcoma, Chondrosarcoma, Rhabdomyosarcoma 1st Group
Wednesday	2017/11/01	Metabolic arthropathy	Rheumatic fever, intermittent arthritis FMF	<b>Practical pathology:</b> Osteosarcoma, Chondrosarcoma, Rhabdomyosarcoma 2nd Group
Thursday	2017/11/02	<b>Public Holiday</b>		
Friday	2017/11/03	<b>Public Holiday</b>		
Saturday	2017/11/04	<b>Pharmacology</b> Topical anesthetics	<b>Pharmacology</b> General Anesthetics:	Immunology of Autoimmune Diseases
Sunday	2017/11/05	<b>Practical Pharmacology 2</b>	<b>Practical Pharmacology 2</b>	
Monday	2017/11/06	<b>Pharmacology:</b> Antidepressants drugs, antipsychotic medications	Immunology of Neurotic and Psychotic disorders	<b>Practical pathology:</b> Osteosarcoma, Chondrosarcoma,

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					Rhabdomyosarcoma 3 <sup>rd</sup> Group
Tuesday	2017/11/07	Behçet's disease		Osteoporosis, Osteomalacia, Hyperparathyroidism	<b>Practical Pathology:</b> Astrocytoma, Meningiomas, Neurofibroma, schwannoma 1 <sup>st</sup> Group
Wednesday	2017/11/08	Septic arthritis Tuberculous arthritis, Brucellosis		Arthrosis	<b>Practical Pathology:</b> Astrocytoma, Meningiomas, Neurofibroma, schwannoma 2nd Group
Thursday	2017/11/09	<b>Public Holiday</b>			
Friday	2017/11/10	<b>Public Holiday</b>			
Saturday	2017/11/11	<b>Pharmacology:</b> Introduction to CNS Pharmacology, Parkinson's disease medications		<b>Pharmacology:</b> Opioid analgesics & Antagonists of Substance Abuse	<b>Pharmacology</b> Gout drugs
Sunday	2017/11/12	<b>Practical Pharmacology 3</b>		<b>Practical Pharmacology 3</b>	<b>Pharmacology</b> Muscle relaxants
Monday	2017/11/13	<b>Pharmacology</b> Nonsteroidal anti- inflammatory drugs	<b>Pharmacology</b> Eicosanoids	<b>Pharmacology:</b> Sedatives, hypnotics, and antianxiety medications & Alcohol pharmacology	<b>Practical Pathology:</b> Astrocytoma, Meningiomas, Neurofibroma, schwannoma 3rd Group
Tuesday	2017/11/14	Periarthritis		Low back pain	(case based discussion)
Monday	2017/11/20	<b>Internal exam: 13.30 P. M- Medical faculty</b>			
Sunday	2017/11/26	<b>Pharmacology and pathology exam: 13.30 P.M, Medicine faculty</b>			

Course	Pathophysiology and case-based discussion	Pathology	Pharmacology	Immunology	Vertical integrated theme	Practical Pathology
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**Schedule of Hematology Course**

		8:30 – 10:30	10:30 – 12:30	13:30 – 15:30
Monday	2017/11/27	<b>Pathology</b> Blood disorders	Normal hematopoiesis, Pathophysiology, classification, and clinical features of anemia	
Tuesday	2017/11/28	<b>Pathology</b> Blood disorders	Aplastic Anemia, MDS	
Wednesday	2017/11/29	<b>Pathology</b> Blood disorders	Normal Hemostasis, Coagulation tests	
Thursday	2017/11/30	<b>Public Holiday</b>		
Friday	2017/12/01	<b>Public Holiday</b>		
Saturday	2017/12/02	Hemoglobinopathies, Thalassaemia Syndromes, Acquired hemolytic anemia	Principles of hemolysis, RBC membranopathies, RBC enzymopathies	
Sunday	2017/12/03	<b>Practical Pharmacology 4</b>	<b>Practical Pharmacology 4</b>	Cancer Immunology
Monday	2017/12/04	Megaloblastic Anemia  Dr. Babakhani	Iron deficiency anemia, Anemia of chronic disease Dr. Tavakkoli	
Tuesday	2017/12/05	<i>Acute Leukemia and Bone marrow transplant</i>	Thrombosis and Anticoagulation Therapy	<b>Practical pathology:</b> Major Thalassaemia, Reactive lymphoid hyperplasia, Hodgkin and Non-Hodgkin Lymphoma 1 <sup>st</sup> Group
Wednesday	2017/12/06	<b>Public Holiday</b>		
Thursday	2017/12/07	<b>Public Holiday</b>		
Friday	2017/12/08	<b>Public Holiday</b>		
Saturday	2017/12/09	<b>Pathology</b> Head and neck diseases	Plasma cell dyscrasias	
Sunday	2017/12/10	<b>Practical Pharmacology 5</b>	<b>Practical Pharmacology 5</b>	Pharmacology Logical Consumption of herbal medicine
Monday	2017/12/11	Immunohematology and Blood banking	Pharmacology Immunopharmacology	Pharmacology Anti anemia drugs, hematopoietic colony-stimulating factors
				<b>Practical pathology</b> Major Thalassaemia, Reactive lymphoid hyperplasia, Hodgkin and Non-Hodgkin Lymphoma 2 <sup>nd</sup> Group

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Tuesday	2017/12/12	Oncologic emergencies	Inherited and Acquired Coagulation Disorders	Pharmacology Effective Drugs on agglutination disorder	
Wednesday	2017/12/13	Chronic leukemia (CML, CLL, HCL)	Platelet hemostasis disorders	<b>Practical pathology</b> Major Thalassemia, Reactive lymphoid hyperplasia, Hodgkin and Non-Hodgkin Lymphoma 3rd Group	
Thursday	2017/12/14	<b>Public Holiday</b>			
Friday	2017/12/15	<b>Public Holiday</b>			
Saturday	2017/12/16	Pharmacology Clinically important drug interactions	Pharmacology Prescription writing and OTC drugs		Pharmacology anthelmintic and antiprotozoal medicines
Sunday	2017/12/17	Updates in immunology (Seminar)	Pharmacology Cancers Chemotherapy 1 & 2	Pharmacology Principles of toxicology and poison control	
Monday	2017/12/18	Pathology Eye diseases	Hodgkin and Non-Hodgkin Lymphoma	General Introduction with clinical and anatomic laboratory before entering to Hospital	
Tuesday	2017/12/19	Essential thrombocytosis, Primary polycythemia, Secondary polycythemia, <i>Myelofibrosis</i>	(case based discussion)	General Introduction with clinical and anatomic laboratory before entering to Hospital	
Wednesday	2017/12/20	Practical Pharmacology 6	Practical Pharmacology 6	General Introduction with clinical and anatomic laboratory before entering to Hospital	
Wednesday	2017/12/27	<b>Internal exam: 13.30 P.M – Medicine Faculty</b>			
Sunday	2017/12/31	<b>Pharmacology and Pathology exam: 13.30 P.M – Medicine Faculty</b>			
Wednesday	2018/01/03	<b>Practical Pharmacology exam: 10.30 A.M - Medicine Faculty</b>			
Monday	2018/01/08	<b>Immunology exam: 10.30 A.M – Medicine Faculty</b>			

Course	Physiopathology and case-based discussion	Pathology	Pharmacology	Immunology	Vertical Integrated Theme	Practical pathology
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