



**Medical faculty**

## **(Fundamentals of Clinical Medicine 2-FCM)**

**Sina – Shariati Hospitals**

**In collaboration with the departments:**

- **Internal medicine**
- **Pharmacology**
- **pathology**
- **Clinical skills center**

**Second Semester  
Session 2016 - 2017**

Day	Date	8- 10	10:30- 12:30	13:30- 15:30	
Saturday	30.11.1395	<b>Pathology:</b> Lung Diseases	Introduction to Anatomy and semiology of respiratory system	<b>Pharmacology:</b> Anti-asthmatic drugs	<b>Pharmacology:</b> Sulfonamide, Trimethoprim, Fluoroquinolone
Sunday	01.12.1395	<b>Pathology:</b> Lung Diseases	Ventilation, Perfusion, respiratory mechanics and control	<b>Pharmacology:</b> Chloramphenicol, Tetracyclines, Aminoglycosides, Polymyxins	
Monday	02.12.1395	<b>Pathology:</b> Lung Diseases	Para clinical tests for diagnosis of Lung diseases	<b>Practical pathology:</b> Emphysema, Pneumonia, Bronchiectasis, Pulmonary edema, Lung carcinoma,	
Tuesday	03.12.1395	Defense Mechanisms	Viral and Bacterial pneumonia	<b>Pharmacology:</b> Principles of chemotherapy	<b>Pharmacology:</b> beta-lactam antibiotics
Wednesday	04.12.1395	Chronic obstructive pulmonary disorders (Bronchial asthma)	Chronic obstructive pulmonary disorders (COPD)	<b>Immunology:</b> Effects of Aging on the Immune System	
Thursday	05.12.1395	Public holiday			
Friday	06.12.1395	Public holiday			
Saturday	07.12.1395	Pulmonary tuberculosis	Pulmonary embolism	<b>Pharmacology:</b> Antiviral drugs	<b>Pharmacology:</b> dermatopharmacology
Sunday	08.12.1395	Interstitial lung diseases	Sleeping disorders	Interstitial lung diseases with known and unknown etiology	Respiratory Allergy, Food Allergy and Drug Allergy
Monday	09.12.1395	Pathophysiology of Pleural disorders	Acid–base imbalance	<b>Pharmacology:</b> prenatal & pediatrics pharmacology- Geriatric Pharmacology	
Tuesday	10.12.1395	Respiratory distress and ARDS	Lung tumours	<b>Pharmacology:</b> Anti fungal drugs	<b>Pharmacology:</b> Antituberculosis drugs
Wednesday	11.12.1395	Bronchiectasis and Lung abscess	Pulmonary tuberculosis	Case based discussion	<b>Pharmacology:</b> antiseptics
Tuesday	17.12.1395	Final exam: 13.30 P. M- Medical faculty			
Monday	23.12.1395	Pharmacology and pathology exam: 13.30 P.M, Medicine faculty			

Course Name	Pathophysiology	Pathology	Pharmacology	Practical Pharmacology	Case based discussion	Immunology
Course Place	Medical faculty: class 3	Medical faculty: class 3	Medical faculty Tebbe Tajrobi hall	Medical faculty Habibi hall	Medical faculty: class 3	Medical faculty: class 3/ Ozlat hall

Day	Date	8- 10	10:30- 12:30	13:30- 15:30
Saturday	19.01.1396	Bone, Joint, and Muscle Disorders	Introduction and principles of rheumatology	
Sunday	20.01.1396	Bone, Joint, and Muscle Disorders	Ankylosing <i>spondylitis</i> (AS)	
Monday	21.01.1396	Bone, Joint, and Muscle Disorders	Systemic lupus erythematosus	<b>Practical pathology:</b> Osteosarcoma, Chondrosarcoma, Rhabdomyosarcoma
Tuesday	22.01.1396	Public holiday		
Wednesday	23.01.1396	CNS Diseases	Scleroderma	
Thursday	24.01.1396	Public holiday		
Friday	25.01.1396	Public holiday		
Saturday	26.01.1396	CNS Diseases	RA, JRA, Sjogren's syndrome	
Sunday	27.01.1396	Practical pharmacology *1	Practical pharmacology *1	
Monday	28.01.1396	CNS Diseases	Polymyositis, Dermatomyositis	<b>Practical Pathology:</b> Astrocytoma, Meningiomas, Neurofibroma, schwannoma
Tuesday	29.01.1396	Metabolic arthropathy	Periarthritis	
Wednesday	30.01.1396	Vasculitis	<b>Pharmacology:</b> Topical anesthetics	<b>Pharmacology:</b> General Anaesthetics
Thursday	31.01.1396	Public holiday		
Friday	01.02.1396	Public holiday		
Saturday	02.02.1396	Other Seronegative Arthropathies	Immunology of Autoimmune diseases	
Sunday	03.02.1396	Practical Pharmacology *2	Practical Pharmacology *2	
Monday	04.02.1396	Behçet's disease	Mental disorders	
Tuesday	05.02.1396	Public holiday		
Wednesday	06.02.1396	Osteoporosis, Osteomalacia, Hyperparathyroidism	<b>Pharmacology:</b> Antidepressants drugs, antipsychotic medications	<b>Pharmacology:</b> Antiepileptic drugs
Thursday	07.02.1396	Public holiday		
Friday	08.02.1396	Public holiday		
Saturday	09.02.1396	Septic arthritis Tuberculous arthritis, Brucellosis	<b>Pharmacology:</b> Introduction to CNS Pharmacology, Parkinson's disease medications	<b>Pharmacology:</b> Gout drugs
Sunday	10.02.1396	Practical Pharmacology *3	Practical Pharmacology *3	
Monday	11.02.1396	Arthrosis	<b>Pharmacology:</b> Opioid analgesics & Antagonists of Substance Abuse	<b>Pharmacology:</b> Muscle relaxants
Tuesday	12.02.1396	Low back pain	<b>Pharmacology:</b> Sedatives, hypnotics, and antianxiety medications & Alcohol pharmacology	

Wednesday	13.02.1396	Rheumatic fever, Intermittent arthritis	<b>Pharmacology:</b> Eicosanoids	<b>Pharmacology:</b> Nonsteroidal anti-inflammatory drugs	Case based discussion
Thursday	19.02.1396	<b>Final exam: 13.30 P. M- Medical faculty</b>			
Monday	25.02.1396	<b>Pharmacology and pathology exam: 13.30 P.M, Medicine faculty</b>			

1\*. How to use and care laboratory animals and gastrointestinal drugs: Dr. Jahangiri/ Ghamami/ Shamir/ Bafekr/ Zahiri/ Esmaili

2\*. *Behavioural Change/ stereotypical behaviors/ dopamine agonist and antagonist drugs test/ yawn mechanism:* Dr. Zarrin dast/ Zahiri/ Esmaili/ Bafekr/ Ghamami/ Shamir

3\*. Opioid abuse laboratory tests: Dr. Partov azar/ Zahiri/ Shamir/ Ghamami/ Bafekr

Course Name	Pathophysiology	Pathology	Pharmacology	Practical Pathology	Case based discussion	Practical Pharmacology	Immunology
Course Place	Medical faculty: class 3	Medical faculty: class 3	Medical faculty: class 3	Medical faculty Habibi hall	Medical faculty: class 3	Pharmacology department No 6	Medical faculty: class 3

Day	Date	8- 10	10:30- 12:30	13:30- 15:30
Tuesday	26.02.1396	<b>Pathology:</b> Blood disorders	Normal hematopoiesis, Pathophysiology, classification, and clinical features of anemia	
Wednesday	27.02.1396	<b>Pathology:</b> Blood disorders	Aplastic Anemia, MDS	
Thursday	28.02.1396	Public holiday		
Friday	29.02.1396	Public holiday		
Saturday	30.02.1396	<b>Pathology:</b> Blood disorders	Normal Hemostasis, Coagulation tests	
Sunday	31.02.1396	Practical Pharmacology * 4	Practical Pharmacology * 4	
Monday	01.03.1396	Principles of hemolysis, RBC membranopathies, RBC enzymopathies	Hemoglobinopathies, Thalassemia Syndromes, Acquired hemolytic anemia	<b>Practical pathology:</b> Major Thalassemia, Reactive lymphoid hyperplasia, Hodgkin and Non-Hodgkin Lymphoma
Tuesday	02.03.1396	Iron deficiency anemia, Anemia of chronic disease	Megaloblastic Anemia	
Wednesday	03.03.1396	Thrombosis and Anticoagulation Therapy	Acute Leukemia and Bone marrow transplant	Cancer Immunology
Thursday	04.03.1396	Public holiday		
Friday	05.03.1396	Public holiday		
Saturday	06.03.1396	Oncologic emergencies	Immunohematology and Blood banking	
Sunday	07.03.1396	Practical Pharmacology * 5	Practical Pharmacology * 5	<b>Pharmacology:</b> Herbal medicine,
Monday	08.03.1396	<b>Pathology:</b> Head and neck diseases	Plasma cell dyscrasias	<b>Pharmacology:</b> Drugs to treat aggregation
Tuesday	09.03.1396	Inherited and Acquired Coagulation Disorders	<b>Pharmacology:</b> Immunopharmacology	<b>Pharmacology:</b> Anti anemia drugs, hematopoietic colony-stimulating factors
Wednesday	10.03.1396	Chronic leukemia (CML, CLL, HCL)	Updates in immunology seminar	
Thursday	11.03.1396	Public holiday		
Friday	12.03.1396	Public holiday		
Saturday	13.03.1396			
Sunday	14.03.1396	Public holiday		
Monday	15.03.1396	Public holiday		
Tuesday	16.03.1396	Practical Pharmacology * 6	Practical Pharmacology * 6	
Wednesday	17.03.1396	<b>Pathology:</b> Eye diseases	Hodgkin and Non-Hodgkin Lymphoma	
Thursday	18.03.1396	Public holiday		
Friday	19.03.1396	Public holiday		
Saturday	20.03.1396	Platelet hemostasis disorders	<b>Pharmacology:</b> Cancers Chemotherapy 1 & 2	<b>Pharmacology:</b> Principles of toxicology and poison control

Sunday	21.03.1396	<b>Pharmacology:</b> Clinically important drug interactions	<b>Pharmacology:</b> Prescription writing and OTC drugs		Introduction to clinical medicine clerkships
Monday	22.03.1396	Essential thrombocytosis, Primary polycythemia, Secondary polycythemia, Myelofibrosis	Case based discussion		
Sunday	28.03.1396	Hematology Final exam: 10.30 A.M			
Tuesday	30.03.1396	Practical Pharmacology exam: 13.30 P.M			
Wednesday	07.04.1396	Pharmacology and Pathology exam: 13.30 P.M			
Saturday	10.04.1396	Immunology exam: 13.30 P.M			

4\*. Effects of Opioid analgesics, Antiepileptic drugs and seizure induced drugs: Dr. Dehpour/Ghamami/ Bafekr/ Shamir/ Zahiri/ Esmaili

5\*. Respiratory effects of morphine withdrawal

6\*. Heavy metals and cyanide poisoning and Antidotes

Course Name	Pathophysiology	Pathology	Pharmacology	Practical Pathology	Case based discussion	Practical Pharmacology	Immunology
Course Place	Medical faculty: class 3	Medical faculty: class 3	Medical faculty: class 3	Medical faculty Habibi hall	Medical faculty: class 3	Pharmacology department No 6	Medical faculty: class 3