

DEPARTMENT OF BATHOLOGY

S #	TEACHING FACULTY		
01	DEAN BASIC MEDICAL SCIENCES: Professor Dr. Ikram Din Ujjan		
02	CHAIRPERSON AND PROFESSOR: Professor Dr. Farzana Memon		
03	PROFESSOR: Professor Abid Hussain Chang		
	ASSOCIATE PROFESSORS		
04	Dr. Tanveer Ahmed Shaikh	05	Dr. Abdul Aziz Shaikh
	ASSISTANT PROFESSORS		
07	Dr. Naila Shaikh	06	Dr. Kiran Aamir
09	Dr. Arshi Naz	08	Dr. Suleman Pirzado
11	Dr. Muhammad Rahil Khan	10	Dr. Zahida Shaikh
	LECTURERS		
14	Dr. Khalid Yousaf Memon	12	Dr. Shariq Anwar Abid
16	Dr. Faheem Ahmed Memon	13	Dr. Khalil Ahmed Memon
18	Dr. Furqan Ahmed Bhatti	15	Dr. Shabnam Rustamani
20	Dr. Amir Ramzan	17	Dr. Muhammad Ali Memon
22	Dr. Sadia Akbar	19	Dr. Abdul Rehman Khalil
24	Dr. Nazia Mumtaz	21	Dr. Sadia Abbasi
26	Dr. Rameez Iqbal Memon	23	Dr. Sidra Kadir
		25	Dr. Sorath Sindhu Mangi
		27	Dr. Yasmeen Bhutto

SUBJECT: SPECIAL PATHOLOGY

TOPICS
CHAPTER: GASTRO INTESTINAL TRACT TEACHER: PROFESSOR FARZANA MEMON/ DR. FURQAN AHMED BHATTI
1) Introduction, disease of oral cavity and salivary glands 2) Achalasia, esophagitis and hematemesis 3) Barrett's esophagus and tumors of esophagus 4) Gastritis and Peptic ulcer 5) Gastric polyps and tumors 6) Intestinal obstruction and Diseases of appendix 7) Mal absorption, diarrheal disease and Ischemic bowel diseases 8) Inflammatory Bowel diseases 9) Non-neoplastic and Benign lesions of GIT-Polyps 10) Tumors of colon
CHAPTER: BLOOD AND LYMPH NODES TEACHERS: PROFESSOR IKRAM DIN UJJAN / DR. KIRAN AAMIR/ DR. FAHEEM AHMED MEMON
11) Introduction 12) Iron deficiency anemia 13) Megaloblastic anemia 14) Hemolytic Anemia-I 15) Hemolytic Anemia-II 16) Aplastic anemia 17) Acute myeloid leukemia 18) Acute lymphocytic leukemia 19) Chronic myeloid leukemia 20) Chronic lymphocytic leukemia 21) Multiple myeloma 22) Congenital bleeding disorders 23) Acquired bleeding disorders 24) Blood transfusion 25) Lymphadenitis and lymphadenopathy

CHAPTER: RESPIRATORY SYSTEM**TEACHER: DR. TANVEER AHMED SHAIKH /DR. KHALID YOUSAF MEMON**

29) Introduction

30) Congenital anomalies

31) Upper respiratory tract diseases

32) Obstructive pulmonary disease I

33) Obstructive pulmonary disease II

34) Chronic diffuse interstitial and vascular lung diseases

35) Pneumonias I

36) Pneumonias II

37) Tuberculosis lung

38) Tumors of lung and pleural diseases

CHAPTER: DISEASES OF BONES AND JOINTS**TEACHER: DR. MUHAMMAD RAHIL KHAN**

39) Developmental anomalies

40) Osteomyelitis

41) Cartilage forming tumor

42) Bone forming tumor

43) Arthritis

44) Soft tissue tumors

CHAPTER: LIVER AND GALL BLADDER**TEACHER: DR. ABDUL AZIZ SHAIKH**

45) Jaundice and cholestasis

46) Acute hepatitis

47) Chronic hepatitis

48) Autoimmune and metabolic liver diseases

49) Cirrhosis of liver

50) Tumors of liver

51) Disease of gall bladder

CHAPTER: SKIN**TEACHER: DR. SULEMAN PIRZADO**

52) Inflammatory Diseases

53) Tumors

54) Discussion

CHAPTER: CARDIOVASCULAR SYSTEM**TEACHER: DR. ABDUL AZIZ SHAIKH / DR. ABDUL REHMAN SHAIKH****BLOOD VESSELS**

55) Congenital anomalies and vascular wall cell

56) Response to injury, Vasculitis

57) Arteriosclerosis

58) Veins and lymphatic disease, Aneurysms

59) Tumors

- 60) Congenital heart diseases
- 61) Heart failure
- 62) Ischemic heart disease I
- 63) Ischemic heart disease II
- 64) Hypertensive heart disease and tumors
- 65) Inflammatory heart disease
- 66) Cardiomyopathies
- 67) Valvular heart disease
- 68) Tumors of heart and pericardial disease

CHAPTER: DISEASES OF KIDNEY

TEACHER: PROFESSOR. FARZANA MEMON/ DR. MUHAMMAD RAHIL KHAN

- 69) Introduction Glomerular & Tubular structure and Pathophysiology.
- 70) Clinical manifestation of Renal diseases and Chronic renal failure
- 71) Glomerular Diseases: Pathogenesis
- 72) Nephritic Syndrome & Its causes
- 73) Nephrotic syndrome–Membrano-proliferative Glomerulonephritis-Minimal change
- 74) Membranous glomerulonephritis IgA nephropathy, Chronic glomerulonephritis
- 75) Pyelonephritis
- 76) Obstructive uropathy (Hydronephrosis) and Urolithiasis
- 77) Tumors of kidney

CHAPTER: LOWER URINARY TRACT AND MALE GENITAL TRACT

TEACHER: DR. TANVEER AHMED SHAIKH /DR. KHALID YOUSAF MEMON

- 78) Histology, Congenital anomalies inflammations
- 79) Special types of inflammations and metaplastic lesions
- 80) Tumors of Urinary bladder
- 81) Histology, Patho-physiology, Hormones, Congenital Anomalies.
- 82) Inflammations of testis and epididymis
- 83) Tumors of testis
- 84) Inflammations and Benign prostatic hyperplasia
- 85) Prostatic carcinoma

CHAPTER: FEMALE GENITAL TRACT

TEACHER: DR. NAILA SHAIKH

- 86) Diseases of vulva and vagina
- 87) Diseases of cervix
- 88) Diseases of uterus-I
- 89) Diseases of uterus-II
- 90) Diseases of Ovary-I
- 91) Diseases of Ovary-II
- 92) Gestational and placental disorders

CHAPTER: DISORDERS OF BREAST

TEACHER: PROFESSOR. FARZANA MEMON

- 93) Inflammatory diseases of breast
- 94) Non-Neoplastic diseases of the Breast
- 95) Tumors of the Breast

FirstRanker's choice **CHAPTER: DISORDERS OF ENDOCRINE SYSTEM**
TEACHER: DR. TANVEER AHMED SHAIKH / DR. MUHAMMAD RAHIL KHAN / DR. SULEMAN PIRZADO

- 96) Diseases of pituitary Gland-I&II (Dr. Muhammad Rahil Khan)
 97) **Disease of thyroid** (Dr. Tanweer Ahmed Shaikh)
 i. Histology, Hormones, Diagnostic tests, Clinical features, Hypothyroidism, Hyperthyroidism.
 ii. Goiter
 iii. Inflammations-I Ill defined & Hashimoto's thyroiditis
 iv. Inflammations-II Common forms and rare forms
 v. Tumors
 98) Parathyroid gland diseases (Dr. Suleman Pirzado)
 99) Diseases of Adrenal Gland-I
 100) Diseases of Adrenal Gland-II

CHAPTER: DISEASES OF PANCREAS

TEACHER: DR. TANVEER AHMED SHAIKH

CHAPTER: CENTRAL NERVOUS SYSTEM

TEACHERS: PROFESSOR. ABID HUSSAIN CHANG / DR. FURQAN AHMED BHATTI

- 101) Cerebral edema, hydrocephalus
 102) Neural tube defects and other congenital anomalies
 103) Meningitis
 104) Cerebrovascular diseases
 105) Demyelinating disease
 106) Degenerative disease
 107) Metabolic disease
 108) Tumor of brain

SUBJECT: SYSTEMIC/HISTO PATHOLOGY (PRACTICALS)

NO	TOPIC	TEACHER
01	Esophagus & Gastric Carcinoma	DR. KHALID YOUSAF MEMON & DR. RAMEEZ IQBAL
02	Ulcerative Lesion of GIT	DR. ABDUL REHMAN KHALIL & DR. SADIA ABBASI
03	Colorectal Carcinoma	DR. KHALID YOUSAF MEMON & DR. RAMEEZ IQBAL
04	TEAM BASED LEARNING (TBL)	ALL TEACHERS
05	Tumors Of Bone	DR. FURQAN AHMED BHATTI, DR. SORATH SINDHU & DR. SIDRA KADIR
06	Osteomyelitis	DR. ABDUL REHMAN KHALIL & DR. SADIA ABBASI
07	Liver Cirrhosis	DR. FURQAN AHMED BHATTI, DR. SORATH SINDHU & DR. SIDRA KADIR
08	Tumors Of Liver	DR. FURQAN AHMED BHATTI, DR. SORATH SINDHU & DR. SIDRA KADIR
09	Hepatitis	DR. SADIA ABBASI
10	TEAM BASED LEARNING (TBL)	ALL TEACHERS
11	Hodgkins Lymphoma	DR. ABDUL REHMAN KHALIL & DR. SADIA ABBASI
12	Non-Hodgkins Lymphoma	DR. SORATH SINDHU
13	Malignant Tumors Of Skin	DR. RAMEEZ IQBAL
14	Bronchogenic Carcinoma	DR. KHALID YOUSUF MEMON
15	Inflammatory & Obstructive Disease of Lung	DR. SORATH SINDHU
16	TEAM BASED LEARNING (TBL)	ALL TEACHERS
17	Soft Tissue Tumors	DR. SIDRA KADIR
18	Brain Tumors	DR. FURQAN AHMED BHATTI
19	Benign & Malignant Tumors Of Breast	DR. ABDUL REHMAN KHALIL
20	Tumor of Cervix & Uterus	DR. SORATH SINDHU

21	Tumor of Ovary	DR. SADIA ABBASI
22	Gestational Diseases	DR. SIDRA KADIR
23	Acute & Chronic Pyelonephritis	DR. KHALID YOUSUF MEMON
24	Tumors Of Kidney	DR. FURQAN AHMED BHATTI
25	Benign Prostatic Hyperplasia & Carcinoma Prostate	DR. ABDUL REHMAN KHALIL
26	Testicular Tumors	DR. KHALID YOUSAF MEMON
27	Tumors Of Urinary Bladder	DR. RAMEEZ IQBAL
28	Atherosclerosis	DR. ABDUL REHMAN KHALIL
29	Ischemic Heart Diseases & Diagnosis	DR. SIDRA KADIR
30	Myocardial Infarction	DR. RAMEEZ IQBAL
31	Benign & Malignant Tumors Of Thyroid	DR. FURQAN AHMED BHATTI
32	TEAM BASED LEARNING (TBL)	ALL TEACHERS

SUBJECT: CLINICAL PATHOLOGY (PRACTICALS)

NO	TOPIC	TEACHER
01	Interpretation of Complete Blood Counts	DR. FAHEEM AHMED MEMON
02	Lab interpretation of Iron Deficiency Anemia	DR. YASMEEN BHUTTO
03	Lab interpretation of Megaloblastic Anemia	DR. SADIA AKBAR
04	Lab interpretation of Hemolytic Anemia	DR. AAMIR RAMZAN
05	Haemoglobinopathies	DR. NAZIA MUMTAZ
06	Lab interpretation of Pathological Leucocytosis	DR. SHABNUM RUSTAMANI
07	Team BASED LEARNING (TBL)	ALL TEACHERS
08	Lab interpretation of Acute Leukemia's	DR. KHALIL AHMED MEMON
09	Lab interpretation of Chronic Leukemia's	DR. MUHAMMAD ALI MEMON
10	Blood Groups & Blood Transfusion reactions	DR. FAHEEM AHMED MEMON
11	Laboratory Diagnosis of bleeding disorders	DR. KHALIL AHMED MEMON
12	TEAM BASED LEARNING (TBL)	ALL TEACHERS
13	Pleural Effusion DR	DR. MUHAMMAD ALI MEMON
14	Liver Functions Tests	DR. SHABNUM RUSTAMANI
15	CSF DR	DR. YASMEEN BHUTTO
16	Stool DR	DR. AAMIR RAMZAN
17	TEAM BASED LEARNING (TBL)	ALL TEACHERS
18	Lipid Profile	DR. NAZIA MUMTAZ
19	Cardiac Enzymes	DR. SADIA AKBAR
20	Pericarditis	DR. MUHAMMAD ALI MEMON
21	TEAM BASED LEARNING (TBL)	ALL TEACHERS
22	Urine DR-I	DR. SHABNUM RUSTAMANI
23	Urine DR-II	DR. SHABNUM RUSTAMANI
24	Renal Function Tests	DR. AAMIR RAMZAN
25	TEAM BASED LEARNING (TBL)	ALL TEACHERS
26	Laboratory interpretation of Diabetes mellitus	DR. MUHAMMAD ALI MEMON
27	Thyroid Function Tests	DR. NAZIA MUMTAZ
28	Laboratory interpretation of Parathyroid Diseases	DR. YASMEEN BHUTTO
29	TEAM BASED LEARNING (TBL)	ALL TEACHERS
30	Semen D/R	DR. KHALIL AHMED MEMON
31	Pap Smear Examination	DR. SADIA AKBAR
32	TEAM BASED LEARNING (TBL)	ALL TEACHERS