

University of Al-Qadisiyah

College of Medicine

Department of Pathology and Forensic Medicine

Systemic pathology course syllabus (). 2017-2018

Note:

- This course is given to third year students and the scientific material is divided into 110 theory hours, 60 practical hours and 78 small group students based learning hours.
- Handouts for the lectures will be available; however they are not suitable substitute for the textbooks instead they will provide a plan for organization of the scientific material.

Objectives of the course

- Each lecture handout will provide specific objectives.
- The course will cover pathological and pathophysiological aspects of disease by organ systems.
- Knowledge gained throughout the course is going to be integrated with systemic microbiology and systemic pharmacology courses.
- This course will include gross, microscopic, and radiologic material to help the students in understanding the disease processes.
- Lectures will be directed to give a big picture of organization to help students in understanding outlines of pathologic bases within each system.
- Practical labs will be directed to create objective knowledge by students about gross and microscopic morphological changes accompanying each disease process.
- Small groups student based learning sessions will help students to communicate and cooperate in order to reduce time needed to build up the required deep and enormous pathologic information and to motivate students toward active process of learning.
- Problem based learning (PBL) sessions are going to include selected common and emergent and critical problems that will be faced by students in their later life of studying and practicing medicine.

References and textbooks

- Kaplan Medical's USMLE Step 1 Lecture Notes 2017 (pathology)
- Robbins pathological bases of disease ninth edition 2015

Assessment methods

Time	Activity	Marks	Description
First semester	Quizzes	2	5 theory and 5 practical quizzes; 0.2 mark for each
	Midterm I theory	4	<ul style="list-style-type: none">• 60%-70% Problem based questions in the form of case scenarios with short essay questions and single best answers• 30%-40% Essay questions and MCQs
	Midterm I theory Practical	4	Gross specimens and microscopical slides
Midyear	Theory exam	20	<ul style="list-style-type: none">• 60%-70% Problem based questions in the form of case scenarios with short essay questions and single best answers• 30%-40% Essay questions and MCQs
Second semester	Quizzes	2	5 theory and 5 practical quizzes; 0.2 mark for each
	Midterm II theory	4	<ul style="list-style-type: none">• 60%-70% Problem based questions in the form of case scenarios with short essay questions and single best answers• 30%-40% Essay questions and MCQs
	Midterm II theory Practical	4	Gross specimens and microscopical slides
Final examination	Theory	45	<ul style="list-style-type: none">• 60%-70% Problem based questions in the form of case scenarios with short essay questions and single best answers

			• 30%-40% Essay questions and MCQs
	Practical	15	Gross specimens and microscopical slides
Total		100	

Course schedule: Theory lectures

Week	Date	Lecture subject	Lecturer
1	1/10/2017	Neuropathology: Congenital abnormalities	Dr. Thair Wali Ali
	1/10/2017	Neuropathology: Raised intracranial pressure	Dr. Thair Wali Ali
	2/10/2017	Neuropathology: Trauma	Dr. Thair Wali Ali
	4/10/2017	Neuropathology: CVA	Dr. Thair Wali Ali
2	8/10/2017	Neuropathology: CNS infections	Dr. Thair Wali Ali
	8/10/2017	Neuropathology: Degenerative disorders	Dr. Thair Wali Ali
	9/10/2017	Neuropathology: Demyelinating disorders	Dr. Thair Wali Ali
	11/10/2017	Neuropathology: Tumors	Dr. Thair Wali Ali
3	15/10/2017	Neuropathology: Diseases of peripheral nerves	Dr. Thair Wali Ali
	15/10/2017	Neuropathology: Common presenting CNS manifestations	Dr. Thair Wali Ali
	16/10/2017	Head and neck pathology: upper airways and ear	Dr. Thair Wali Ali
	18/10/2017	Head and neck pathology: Branchial cyst, paraganglioma and salivary gland pathology	Dr. Thair Wali Ali
4	22/10/2017	Head and neck pathology: Eye pathology I	Dr. Thair Wali Ali
	22/10/2017	Head and neck pathology: Eye pathology II	Dr. Thair Wali Ali
	23/10/2017	Endocrine pathology: Diabetes mellitus I	Dr. Thair Wali Ali
	25/10/2017	Endocrine pathology: Diabetes mellitus II	Dr. Thair Wali Ali
5	29/10/2017	Endocrine pathology: pituitary gland I	Dr. Thair Wali Ali
	29/10/2017	Endocrine pathology: pituitary gland II	Dr. Thair Wali Ali
	30/10/2017	Endocrine pathology: thyroid gland I	Dr. Thair Wali Ali
	1/11/2017	Endocrine pathology: thyroid gland II	Dr. Thair Wali Ali
6	5/11/2017	Endocrine pathology: parathyroid gland	Dr. Thair Wali Ali
	5/11/2017	Endocrine pathology: adrenal gland I	Dr. Thair Wali Ali
	6/11/2017	Endocrine pathology: adrenal gland II	Dr. Thair Wali Ali
	8/11/2017	Endocrine pathology: endocrine pancreas and pineal gland	Dr. Thair Wali Ali
7	12/11/2017	CVS: Congenital heart diseases	Dr. Thair Wali Ali
	12/11/2017	CVS: IHD	Dr. Thair Wali Ali

	13/11/2017	CVS: Valvular heart diseases	Dr. Thair Wali Ali
	15/11/2017	CVS: Hypertensive heart disease	Dr. Thair Wali Ali
8	19/11/2017	CVS: Cardiomyopathy	Dr. Thair Wali Ali
	19/11/2017	CVS: pericardial disease	Dr. Thair Wali Ali
	20/11/2017	CVS: atherosclerosis	Dr. Thair Wali Ali
	22/11/2017	CVS: Aneurysm and dissection	Dr. Thair Wali Ali
	26/11/2017	CVS: Vasculitides	Dr. Thair Wali Ali
9	26/11/2017	CVS: veins, lymphatics and tumors	Dr. Thair Wali Ali
	27/11/2017	Respiratory system: Congenital abnormalities and atelectasis	Dr. Shurooq Al-Timimi
	29/11/2017	Respiratory system: acute lung injury	Dr. Shurooq Al-Timimi
	3/12/2017	Respiratory system: obstructive lung disease	Dr. Shurooq Al-Timimi
10	3/12/2017	Respiratory system: Diffuse interstitial lung disorders	Dr. Shurooq Al-Timimi
	4/12/2017	Respiratory system: vascular disorders	Dr. Shurooq Al-Timimi
	6/12/2017	Respiratory system: Pulmonary infections	Dr. Shurooq Al-Timimi
	10/12/2017	Respiratory system: Pulmonary infections	Dr. Shurooq Al-Timimi
11	10/12/2017	Respiratory system: Tumors	Dr. Shurooq Al-Timimi
	11/12/2017	Respiratory system: Tumors	Dr. Shurooq Al-Timimi
	13/12/2017	Respiratory system: Pleura	Dr. Shurooq Al-Timimi
	17/12/2017	Hematology: RBC disorders I	Dr. Hamid D. Habeeb
12	17/12/2017	Hematology: RBC disorders II	Dr. Hamid D. Habeeb
	18/12/2017	Hematology: RBC disorders III	Dr. Hamid D. Habeeb
	20/12/2017	Hematology: WBC disorders I	Dr. Hamid D. Habeeb
	24/12/2017	Hematology: WBC disorders II	Dr. Hamid D. Habeeb
13	24/12/2017	Hematology: WBC disorders III	Dr. Hamid D. Habeeb
	25/12/2017	Hematology: Hemostatis I	Dr. Hamid D. Habeeb
	26/12/2017	Hematology: Hemostatis II	Dr. Hamid D. Habeeb
	31/12/2017	Hematology: Spleen	Dr. Hamid D. Habeeb
14	31/12/2017	Hematology: Thymus	Dr. Hamid D. Habeeb
	3/1/2018	Review	
	7/1/2018	Midterm Examination I	
Midyear Exam	15/1/2018		
16	18/2/2018	Lymphoreticular system: Reactive disorders	Dr. Hamid D. Habeeb
	18/2/2018	Lymphoreticular system: Lymphoma I	Dr. Hamid D. Habeeb
	19/2/2018	Lymphoreticular system: Lymphoma II	Dr. Hamid D. Habeeb

	21/2/2018	Lymphoreticular system: Lymphoma III	Dr. Hamid D. Habeeb
17	25/2/2018	Renal system: clinical manifestations of renal diseases	Dr. Thair Wali Ali
	25/2/2018	Renal system: congenital abnormalities	Dr. Thair Wali Ali
	26/2/2018	Renal system: cystic renal diseases	Dr. Thair Wali Ali
	28/2/2018	Renal system: glomerular diseases	Dr. Thair Wali Ali
	4/3/2018	Renal system: tubulointerstitial diseases	Dr. Thair Wali Ali
18	4/3/2018	Renal system: vascular diseases	Dr. Thair Wali Ali
	5/3/2018	Renal system: urinary tract obstruction	Dr. Thair Wali Ali
	7/3/2018	Renal system: tumors of the kidney	Dr. Thair Wali Ali
	11/3/2018	Renal system: diseases of ureters and urinary bladder I	Dr. Thair Wali Ali
19	11/3/2018	Renal system: diseases of ureters and urinary bladder II	Dr. Thair Wali Ali
	12/3/2018	Male genital system: external genitalia	Dr. Deena
	14/3/2018	Male genital system: diseases of testes	Dr. Deena
	18/3/2018	Male genital system: tumors of testes	Dr. Deena
20	18/3/2018	Male genital system: diseases and tumors of prostate	Dr. Deena
	19/3/2018	Female genital system: Infections of female genital tract	Dr. Deena
	20/3/2018	Female genital system: external genitalia	Dr. Deena
	25/3/2018	Female genital system: diseases of vagina	Dr. Deena
21	25/3/2018	Female genital system: diseases of the cervix	Dr. Deena
	26/3/2018	Female genital system: diseases of the uterus I	Dr. Deena
	28/3/2018	Female genital system: diseases of uterus II	Dr. Deena
	1/4/2018	Female genital system: diseases of fallopian tubes	Dr. Deena
22	1/4/2018	Female genital system: diseases of the ovary	Dr. Deena
	2/4/2018	Female genital system: diseases of the ovary	Dr. Deena
	4/4/2018	Female genital system: diseases of the placenta	Dr. Deena
	8/4/2018	Breast: Congenital abnormalities	Dr. Shurooq Al-Timimi
23	8/4/2018	Breast: Clinical presentation of breast diseases	Dr. Shurooq Al-Timimi
	9/4/2018	Breast: Inflammatory disorders	Dr. Shurooq Al-Timimi
	11/4/2018	Breast: Benign epithelial lesions	Dr. Shurooq Al-Timimi
	15/4/2018	Breast: Carcinoma breast I	Dr. Shurooq Al-Timimi
24	15/4/2018	Breast: Carcinoma breast II	Dr. Shurooq Al-Timimi
	16/4/2018	GIT: oral cavity	Dr. Aws R. Hussein
	18/4/2018	GIT: Esophagus I	Dr. Aws R. Hussein
	22/4/2018	GIT: Esophagus II	Dr. Aws R. Hussein
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	22/4/2018	GIT: Stomach I	Dr. Aws R. Hussein
	23/4/2018	GIT: Stomach II	Dr. Aws R. Hussein
	24/4/2018	GIT: Small intestine I	Dr. Aws R. Hussein
26	29/4/2018	GIT: Small intestine II	Dr. Aws R. Hussein
	29/4/2018	GIT: Large intestine I	Dr. Aws R. Hussein
	30/4/2018	GIT: Large intestine II	Dr. Aws R. Hussein
	2/5/2018	GIT: Appendix and peritoneum	Dr. Aws R. Hussein
27	6/5/2018	Liver and gallbladder I	Dr. Aws R. Hussein
	6/5/2018	Liver and gallbladder II	Dr. Aws R. Hussein
	7/5/2018	Liver and gallbladder III	Dr. Aws R. Hussein
	9/5/2018	Disease of the exocrine pancreas	Dr. Aws R. Hussein
28	13/5/2018	Musculoskeletal disorders: Muscle diseases	Dr. Deena
	13/5/2018	Musculoskeletal disorders: bone tumors	Dr. Deena
	14/5/2018	Musculoskeletal disorders: joint diseases I	Dr. Deena
	16/5/2018	Musculoskeletal disorders: : joint diseases II	Dr. Deena
29	20/5/2018	Skin diseases I	Dr. Deena
	20/5/2018	Skin diseases II	Dr. Deena
	21/5/2018	Skin diseases III	Dr. Deena
	23/5/2018	Skin diseases IV	Dr. Deena
30	27/5/2018	Midterm examination II	Dr. Deena
	27/5/2018	Review I	Dr. Deena
	28/5/2018	Review II	
	30/5/2018	Review II	
Final Examination	15/6/2018		

Course schedule: Small groups student based sessions

Week	Group	Date	Subject	Lecturer
1	A	1/10/2017	CVA: Causes, pathogenesis, risk factors, clinical presentation, Glasgow Coma Scale	Dr. Thair Wali Ali
	B	2/10/2017	CVA: Causes, pathogenesis, risk factors, clinical presentation, Glasgow Coma Scale	Dr. Thair Wali Ali
	C	3/10/2017	CVA: Causes, pathogenesis, risk factors, clinical presentation, Glasgow Coma Scale	Dr. Thair Wali Ali
	D	4/10/2017	CVA: Causes, pathogenesis, risk factors, clinical presentation, Glasgow Coma Scale	Dr. Thair Wali Ali
2	A	8/10/2017	CNS tumors: Classification, grading, clinical presentation, radiological findings	Dr. Thair Wali Ali

	B	9/10/2017	CNS tumors: Classification, grading, clinical presentation, radiological findings	Dr. Thair Wali Ali
	C	10/10/2017	CNS tumors: Classification, grading, clinical presentation, radiological findings	Dr. Thair Wali Ali
	D	11/10/2017	CNS tumors: Classification, grading, clinical presentation, radiological findings	Dr. Thair Wali Ali
3	A	15/10/2017	CNS infections: bacterial meningitis versus aseptic meningitis	Dr. Thair Wali Ali
	B	16/10/2017	CNS infections: bacterial meningitis versus aseptic meningitis	Dr. Thair Wali Ali
	C	17/10/2017	CNS infections: bacterial meningitis versus aseptic meningitis	Dr. Thair Wali Ali
	D	18/10/2017	CNS infections: bacterial meningitis versus aseptic meningitis	Dr. Thair Wali Ali
4	A	22/10/2017	Differential diagnosis of polyuria and polydepsia	Dr. Thair Wali Ali
	B	23/10/2017	Differential diagnosis of polyuria and polydepsia	Dr. Thair Wali Ali
	C	24/10/2017	Differential diagnosis of polyuria and polydepsia	Dr. Thair Wali Ali
	D	25/10/2017	Differential diagnosis of polyuria and polydepsia	Dr. Thair Wali Ali
5	A	29/10/2017	Differential diagnosis of solitary thyroid nodule	Dr. Thair Wali Ali
	B	30/10/2017	Differential diagnosis of solitary thyroid nodule	Dr. Thair Wali Ali
	C	31/10/2017	Differential diagnosis of solitary thyroid nodule	Dr. Thair Wali Ali
	D	1/11/2017	Differential diagnosis of solitary thyroid nodule	Dr. Thair Wali Ali
6	A	5/11/2017	Cushing disease and Addison disease	Dr. Thair Wali Ali
	B	6/11/2017	Cushing disease and Addison disease	Dr. Thair Wali Ali
	C	7/11/2017	Cushing disease and Addison disease	Dr. Thair Wali Ali
	D	8/11/2017	Cushing disease and Addison disease	Dr. Thair Wali Ali
7	A	12/11/2017	Differential diagnosis of chest pain	Dr. Thair Wali Ali
	B	13/11/2017	Differential diagnosis of chest pain	Dr. Thair Wali Ali
	C	14/11/2017	Differential diagnosis of chest pain	Dr. Thair Wali Ali
	D	15/11/2017	Differential diagnosis of chest pain	Dr. Thair Wali Ali
8	A	19/11/2017	Heart failure: causes, types, clinical presentation	Dr. Thair Wali Ali
	B	20/11/2017	Heart failure: causes, types, clinical presentation	Dr. Thair Wali Ali
	C	21/11/2017	Heart failure: causes, types, clinical presentation	Dr. Thair Wali Ali
	D	22/11/2017	Heart failure: causes, types, clinical presentation	Dr. Thair Wali Ali
9	A	26/11/2017	Pneumonia: types; causes, clinical presentation and diagnosis	Dr. Thair Wali Ali
	B	27/11/2017	Pneumonia: types; causes, clinical presentation and diagnosis	Dr. Thair Wali Ali
	C	28/11/2017	Pneumonia: types; causes, clinical presentation and diagnosis	Dr. Shurooq Al-Timimi
	D	29/11/2017	Pneumonia: types; causes, clinical presentation and diagnosis	Dr. Shurooq Al-Timimi
10	A	3/12/2017	Respiratory tumors: types, clinical presentation and radiological findings	Dr. Shurooq Al-Timimi
	B	4/12/2017	Respiratory tumors: types, clinical presentation and radiological findings	Dr. Shurooq Al-Timimi
	C	5/12/2017	Respiratory tumors: types, clinical presentation and radiological findings	Dr. Shurooq Al-Timimi

	D	6/12/2017	Respiratory tumors: types, clinical presentation and radiological findings	Dr. Shurooq Al-Timimi
11	A	10/12/2017	T.B.: etiology, pathogenesis and clinical presentation	Dr. Shurooq Al-Timimi
	B	11/12/2017	T.B.: etiology, pathogenesis and clinical presentation	Dr. Shurooq Al-Timimi
	C	12/12/2017	T.B.: etiology, pathogenesis and clinical presentation	Dr. Shurooq Al-Timimi
	D	13/12/2017	T.B.: etiology, pathogenesis and clinical presentation	Dr. Shurooq Al-Timimi
12	A	17/12/2017	Approach to anemia	Dr. Hamid D. Habeeb
	B	18/12/2017	Approach to anemia	Dr. Hamid D. Habeeb
	C	19/12/2017	Approach to anemia	Dr. Hamid D. Habeeb
	D	20/12/2017	Approach to anemia	Dr. Hamid D. Habeeb
13	A	24/12/2017	Approach to leukocytosis	Dr. Hamid D. Habeeb
	B	25/12/2017	Approach to leukocytosis	Dr. Hamid D. Habeeb
	C	26/12/2017	Approach to leukocytosis	Dr. Hamid D. Habeeb
	D	27/12/2017	Approach to leukocytosis	Dr. Hamid D. Habeeb
14				Dr. Hamid D. Habeeb
				Dr. Hamid D. Habeeb
15				
Midyear Exam		15/1/2018		
16	A	18/2/2018	Approach to lymphadenopathy	Dr. Hamid D. Habeeb
	B	19/2/2018	Approach to lymphadenopathy	Dr. Hamid D. Habeeb
	C	20/2/2018	Approach to lymphadenopathy	Dr. Hamid D. Habeeb
	D	21/2/2018	Approach to lymphadenopathy	Dr. Hamid D. Habeeb
17	A	25/2/2018	Approach to hematuria and proteinuria	Dr. Thair Wali Ali
	B	26/2/2018	Approach to hematuria and proteinuria	Dr. Thair Wali Ali
	C	27/2/2018	Approach to hematuria and proteinuria	Dr. Thair Wali Ali
	D	28/2/2018	Approach to hematuria and proteinuria	Dr. Thair Wali Ali
18	A	4/3/2018	Tumors of renal system: histological types and clinical presentation	Dr. Thair Wali Ali
	B	5/3/2018	Tumors of renal system: histological types and clinical presentation	Dr. Thair Wali Ali
	C	6/3/2018	Tumors of renal system: histological types and clinical presentation	Dr. Thair Wali Ali
	D	7/3/2018	Tumors of renal system: histological types and clinical presentation	Dr. Thair Wali Ali
19	A	11/3/2018	Approach to male infertility	Dr. Thair Wali Ali
	B	12/3/2018	Approach to male infertility	Dr. Thair Wali Ali
	C	13/3/2018	Approach to male infertility	Dr. Deena
	D	14/3/2018	Approach to male infertility	Dr. Deena

20	A	18/3/2018	Approach to female infertility	Dr. Deena
	B	19/3/2018	Approach to female infertility	Dr. Deena
	C	20/3/2018	Approach to female infertility	Dr. Deena
	D	21/3/2018	Approach to female infertility	Dr. Deena
21	A	25/3/2018	Ovarian tumors: histological types and clinical presentation	Dr. Deena
	B	26/3/2018	Ovarian tumors: histological types and clinical presentation	Dr. Deena
	C	27/3/2018	Ovarian tumors: histological types and clinical presentation	Dr. Deena
	D	28/3/2018	Ovarian tumors: histological types and clinical presentation	Dr. Deena
22	A	1/4/2018	Approach to breast mass	Dr. Deena
	B	2/4/2018	Approach to breast mass	Dr. Deena
	C	3/4/2018	Approach to breast mass	Dr. Deena
	D	4/4/2018	Approach to breast mass	Dr. Deena
23	A	8/4/2018	Breast carcinoma: types and clinical presentation	Dr. Shurooq Al-Timimi
	B	9/4/2018	Breast carcinoma: types and clinical presentation	Dr. Shurooq Al-Timimi
	C	10/4/2018	Breast carcinoma: types and clinical presentation	Dr. Shurooq Al-Timimi
	D	11/4/2018	Breast carcinoma: types and clinical presentation	Dr. Shurooq Al-Timimi
24	A	15/4/2018	Upper GIT bleeding: causes and dignosis	Dr. Shurooq Al-Timimi
	B	16/4/2018	Upper GIT bleeding: causes and dignosis	Dr. Shurooq Al-Timimi
	C	17/4/2018	Upper GIT bleeding: causes and dignosis	Dr. Aws R. Hussein
	D	18/4/2018	Upper GIT bleeding: causes and dignosis	Dr. Aws R. Hussein
25	A	22/4/2018	Carcinoma colon: types , pathogenesis, risk factors and clinical presentation	Dr. Aws R. Hussein
	B	23/4/2018	Carcinoma colon: types , pathogenesis, risk factors and clinical presentation	Dr. Aws R. Hussein
	C	24/4/2018	Carcinoma colon: types , pathogenesis, risk factors and clinical presentation	Dr. Aws R. Hussein
	D	25/4/2018	Carcinoma colon: types , pathogenesis, risk factors and clinical presentation	Dr. Aws R. Hussein
26	A	29/4/2018	Malabsorption: causes and clinical approach to chronic diarrhea	Dr. Aws R. Hussein
	B	30/4/2018	Malabsorption: causes and clinical approach to chronic diarrhea	Dr. Aws R. Hussein
	C	1/4/2018	Malabsorption: causes and clinical approach to chronic diarrhea	Dr. Aws R. Hussein
	D	2/5/2018	Malabsorption: causes and clinical approach to chronic diarrhea	Dr. Aws R. Hussein
27	A	6/5/2018	Jaundice: differential diagnosis	Dr. Aws R. Hussein
	B	7/5/2018	Jaundice: differential diagnosis	Dr. Aws R. Hussein
	C	8/5/2018	Jaundice: differential diagnosis	Dr. Aws R. Hussein
	D	9/5/2018	Jaundice: differential diagnosis	Dr. Aws R. Hussein
28	A	13/5/2018	Joint pain: differential diagnosis	Dr. Deena
	B	14/5/2018	Joint pain: differential diagnosis	Dr. Deena

	C	15/5/2018	Joint pain: differential diagnosis	Dr. Deena
	D	16/5/2018	Joint pain: differential diagnosis	Dr. Deena
29	A	20/5/2018	Carcinoma of skin: histological types	Dr. Deena
	B	21/5/2018	Carcinoma of skin: histological types	Dr. Deena
	C	22/5/2018	Carcinoma of skin: histological types	Dr. Deena
	D	23/5/2018	Carcinoma of skin: histological types	Dr. Deena
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Final Examination				

Course schedule: Practical sessions

Week	Group	Date	Subject	Lecturer
1	A	1/10/2017	CNS tumors: gross and microscopic features	Dr. Thair Wali Ali
	B	2/10/2017	CNS tumors: gross and microscopic features	Dr. Thair Wali Ali
	C	3/10/2017	CNS tumors: gross and microscopic features	Dr. Thair Wali Ali
	D	4/10/2017	CNS tumors: gross and microscopic features	Dr. Thair Wali Ali
2	A	8/10/2017	Degenerative and demyelinating disorders: radiological, gross and microscopic features	Dr. Thair Wali Ali
	B	9/10/2017	Degenerative and demyelinating disorders: radiological, gross and microscopic features	Dr. Thair Wali Ali
	C	10/10/2017	Degenerative and demyelinating disorders: radiological, gross and microscopic features	Dr. Thair Wali Ali
	D	11/10/2017	Degenerative and demyelinating disorders: radiological, gross and microscopic features	Dr. Thair Wali Ali
3	A	15/10/2017	Thyroid tumors: gross and microscopical features	Dr. Thair Wali Ali
	B	16/10/2017	Thyroid tumors: gross and microscopical features	Dr. Thair Wali Ali
	C	17/10/2017	Thyroid tumors: gross and microscopical features	Dr. Thair Wali Ali
	D	18/10/2017	Thyroid tumors: gross and microscopical features	Dr. Thair Wali Ali
4	A	22/10/2017	Thyroid tumors: gross and microscopical features	Dr. Thair Wali Ali
	B	23/10/2017	Thyroid tumors: gross and microscopical features	Dr. Thair Wali Ali
	C	24/10/2017	Thyroid tumors: gross and microscopical features	Dr. Thair Wali Ali
	D	25/10/2017	Thyroid tumors: gross and microscopical features	Dr. Thair Wali Ali

5	A	29/10/2017	Myocardial infarction: gross and microscopical features	Dr. Thair Wali Ali
	B	30/10/2017	Myocardial infarction: gross and microscopical features	Dr. Thair Wali Ali
	C	31/10/2017	Myocardial infarction: gross and microscopical features	Dr. Thair Wali Ali
	D	1/11/2017	Myocardial infarction: gross and microscopical features	Dr. Thair Wali Ali
6	A	5/11/2017	Tuberculosis: gross and microscopical features	Dr. Thair Wali Ali
	B	6/11/2017	Tuberculosis: gross and microscopical features	Dr. Thair Wali Ali
	C	7/11/2017	Tuberculosis: gross and microscopical features	Dr. Thair Wali Ali
	D	8/11/2017	Tuberculosis: gross and microscopical features	Dr. Thair Wali Ali
7	A	12/11/2017	Obstructive lung diseases: gross and microscopical features	Dr. Thair Wali Ali
	B	13/11/2017	Obstructive lung diseases: gross and microscopical features	Dr. Thair Wali Ali
	C	14/11/2017	Obstructive lung diseases: gross and microscopical features	Dr. Thair Wali Ali
	D	15/11/2017	Obstructive lung diseases: gross and microscopical features	Dr. Thair Wali Ali
8	A	19/11/2017	Respiratory tumors: gross and microscopical features	Dr. Thair Wali Ali
	B	20/11/2017	Respiratory tumors: gross and microscopical features	Dr. Thair Wali Ali
	C	21/11/2017	Respiratory tumors: gross and microscopical features	Dr. Thair Wali Ali
	D	22/11/2017	Respiratory tumors: gross and microscopical features	Dr. Thair Wali Ali
9	A	26/11/2017	Anemia I	Dr. Thair Wali Ali
	B	27/11/2017	Anemia I	Dr. Thair Wali Ali
	C	28/11/2017	Anemia I	Dr. Shurooq Al-Timimi
	D	29/11/2017	Anemia I	Dr. Shurooq Al-Timimi
10	A	3/12/2017	Anemia II	Dr. Shurooq Al-Timimi
	B	4/12/2017	Anemia II	Dr. Shurooq Al-Timimi
	C	5/12/2017	Anemia II	Dr. Shurooq Al-Timimi
	D	6/12/2017	Anemia II	Dr. Shurooq Al-Timimi
11	A	10/12/2017	Acute leukemia	Dr. Shurooq Al-Timimi
	B	11/12/2017	Acute leukemia	Dr. Shurooq Al-Timimi
	C	12/12/2017	Acute leukemia	Dr. Shurooq Al-Timimi
	D	13/12/2017	Acute leukemia	Dr. Shurooq Al-Timimi
12	A	17/12/2017	Chronic leukemia	Dr. Hamid D. Habeeb
	B	18/12/2017	Chronic leukemia	Dr. Hamid D. Habeeb
	C	19/12/2017	Chronic leukemia	Dr. Hamid D. Habeeb
	D	20/12/2017	Chronic leukemia	Dr. Hamid D. Habeeb
13	A	24/12/2017	Hodgkin's lymphoma	Dr. Hamid D. Habeeb
	B	25/12/2017	Hodgkin's lymphoma	Dr. Hamid D. Habeeb

	C	26/12/2017	Hodgkin's lymphoma	Dr. Hamid D. Habeeb
	D	27/12/2017	Hodgkin's lymphoma	Dr. Hamid D. Habeeb
14				Dr. Hamid D. Habeeb
				Dr. Hamid D. Habeeb
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Midyear Exam		15/1/2018		
16	A	18/2/2018	Non-Hodgkin's lymphoma	Dr. Hamid D. Habeeb
	B	19/2/2018	Non-Hodgkin's lymphoma	Dr. Hamid D. Habeeb
	C	20/2/2018	Non-Hodgkin's lymphoma	Dr. Hamid D. Habeeb
	D	21/2/2018	Non-Hodgkin's lymphoma	Dr. Hamid D. Habeeb
17	A	25/2/2018	Glomerulonephritis: histological, immunoflourescent and EM findings	Dr. Thair Wali Ali
	B	26/2/2018	Glomerulonephritis: histological, immunoflourescent and EM findings	Dr. Thair Wali Ali
	C	27/2/2018	Glomerulonephritis: histological, immunoflourescent and EM findings	Dr. Thair Wali Ali
	D	28/2/2018	Glomerulonephritis: histological, immunoflourescent and EM findings	Dr. Thair Wali Ali
18	A	4/3/2018	Tumors of renal system: gross and microscopic findings	Dr. Thair Wali Ali
	B	5/3/2018	Tumors of renal system: gross and microscopic findings	Dr. Thair Wali Ali
	C	6/3/2018	Tumors of renal system: gross and microscopic findings	Dr. Thair Wali Ali
	D	7/3/2018	Tumors of renal system: gross and microscopic findings	Dr. Thair Wali Ali
19	A	11/3/2018	Testicular tumors: gross and microscopic findings	Dr. Thair Wali Ali
	B	12/3/2018	Testicular tumors: gross and microscopic findings	Dr. Thair Wali Ali
	C	13/3/2018	Testicular tumors: gross and microscopic findings	Dr. Deena
	D	14/3/2018	Testicular tumors: gross and microscopic findings	Dr. Deena
20	A	18/3/2018	Ovarian tumors: gross and microscopic findings	Dr. Deena
	B	19/3/2018	Ovarian tumors: gross and microscopic findings	Dr. Deena
	C	20/3/2018	Ovarian tumors: gross and microscopic findings	Dr. Deena
	D	21/3/2018	Ovarian tumors: gross and microscopic findings	Dr. Deena
21	A	25/3/2018	Cervical intra-epithelial neoplasia and cervical cancer	Dr. Deena
	B	26/3/2018	Cervical intra-epithelial neoplasia and cervical cancer	Dr. Deena
	C	27/3/2018	Cervical intra-epithelial neoplasia and cervical cancer	Dr. Deena
	D	28/3/2018	Cervical intra-epithelial neoplasia and cervical cancer	Dr. Deena
22	A	1/4/2018	Uterine tumors: gross and microscopical features	Dr. Deena
	B	2/4/2018	Uterine tumors: gross and microscopical features	Dr. Deena
	C	3/4/2018	Uterine tumors: gross and microscopical features	Dr. Deena

	D	4/4/2018	Uterine tumors: gross and microscopical features	Dr. Deena
23	A	8/4/2018	Breast carcinoma: gross and microscopical features	Dr. Shurooq Al-Timimi
	B	9/4/2018	Breast carcinoma: gross and microscopical features	Dr. Shurooq Al-Timimi
	C	10/4/2018	Breast carcinoma: gross and microscopical features	Dr. Shurooq Al-Timimi
	D	11/4/2018	Breast carcinoma: gross and microscopical features	Dr. Shurooq Al-Timimi
24	A	15/4/2018	Esophagistis and esophageal cancer	Dr. Shurooq Al-Timimi
	B	16/4/2018	Esophagistis and esophageal cancer	Dr. Shurooq Al-Timimi
	C	17/4/2018	Esophagistis and esophageal cancer	Dr. Aws R. Hussein
	D	18/4/2018	Esophagistis and esophageal cancer	Dr. Aws R. Hussein
25	A	22/4/2018	Gastritis: gross and microscopical features	Dr. Aws R. Hussein
	B	23/4/2018	Gastritis: gross and microscopical features	Dr. Aws R. Hussein
	C	24/4/2018	Gastritis: gross and microscopical features	Dr. Aws R. Hussein
	D	25/4/2018	Gastritis: gross and microscopical features	Dr. Aws R. Hussein
26	A	29/4/2018	Gastric cancer: gross and microscopical features	Dr. Aws R. Hussein
	B	30/4/2018	Gastric cancer: gross and microscopical features	Dr. Aws R. Hussein
	C	1/4/2018	Gastric cancer: gross and microscopical features	Dr. Aws R. Hussein
	D	2/5/2018	Gastric cancer: gross and microscopical features	Dr. Aws R. Hussein
27	A	6/5/2018	Colonic cancer: gross and microscopical features	Dr. Aws R. Hussein
	B	7/5/2018	Colonic cancer: gross and microscopical features	Dr. Aws R. Hussein
	C	8/5/2018	Colonic cancer: gross and microscopical features	Dr. Aws R. Hussein
	D	9/5/2018	Colonic cancer: gross and microscopical features	Dr. Aws R. Hussein
28	A	13/5/2018	Pancreatic carcinoma: gross and microscopical features	Dr. Deena
	B	14/5/2018	Pancreatic carcinoma: gross and microscopical features	Dr. Deena
	C	15/5/2018	Pancreatic carcinoma: gross and microscopical features	Dr. Deena
	D	16/5/2018	Pancreatic carcinoma: gross and microscopical features	Dr. Deena
29	A	20/5/2018	Carcinoma of skin: gross and microscopical features	Dr. Deena
	B	21/5/2018	Carcinoma of skin: gross and microscopical features	Dr. Deena
	C	22/5/2018	Carcinoma of skin: gross and microscopical features	Dr. Deena
	D	23/5/2018	Carcinoma of skin: gross and microscopical features	Dr. Deena
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Final Examination				

Lecture objectives

Lecture subject	Objectives
Neuropathology: Congenital abnormalities	The student will be familiar with: major congenital abnormalities affecting the nervous, their clinical presentation, gross features and related complications
Neuropathology: Raised intracranial pressure	The student will be familiar with causes, clinical presentation and pathophysiological consequences of raised ICP
Neuropathology: Trauma	The student will be familiar with common types of intracranial hemorrhage and their clinicopathological features
Neuropathology: CVA	The student will be familiar with causes, mechanisms, risk factors and clinical presentation of CVA
Neuropathology: CNS infections	
Neuropathology: Degenerative disorders	
Neuropathology: Demyelinating disorders	
Neuropathology: Tumors	
Neuropathology: Diseases of peripheral nerves	
Neuropathology: Common presenting CNS manifestations	
Head and neck pathology: upper airways and ear	
Head and neck pathology: Branchial cyst, paraganglioma and salivary gland pathology	
Head and neck pathology: Eye pathology I	
Head and neck pathology: Eye pathology II	
Endocrine pathology: Diabetes mellitus I	
Endocrine pathology: Diabetes mellitus II	
Endocrine pathology: pituitary gland I	
Endocrine pathology: pituitary gland II	
Endocrine pathology: thyroid gland I	
Endocrine pathology: thyroid gland II	

Endocrine pathology: parathyroid gland	
Endocrine pathology: adrenal gland I	
Endocrine pathology: adrenal gland II	
Endocrine pathology: endocrine pancreas and pineal gland	
CVS: Congenital heart diseases	
CVS: IHD	
CVS: Valvular heart diseases	
CVS: Hypertensive heart disease	
CVS: Cardiomyopathy	
CVS: pericardial disease	
CVS: atherosclerosis	
CVS: Aneurysm and dissection	
CVS: Vasculitides	
CVS: veins, lymphatics and tumors	
Respiratory system: Congenital abnormalities and atelactasis	
Respiratory system: acute lung injury	
Respiratory system: obstructive lung disease	
Respiratory system: Diffuse interstitial lung disorders	
Respiratory system: vascular disorders	
Respiratory system: Pulmonary infections	
Respiratory system: Pulmonary infections	
Respiratory system: Tumors	
Respiratory system: Tumors	
Respiratory system: Pleura	
Hematology: RBC disorders I	
Hematology: RBC disorders II	
Hematology: RBC disorders III	
Hematology: WBC disorders I	
Hematology: WBC disorders II	
Hematology: WBC disorders III	
Hematology: Hemostatis I	
Hematology: Hemostatis II	
Hematology: Spleen	
Hematology: Thymus	

Review	
Midterm Examination I	
Lymphoreticular system: Reactive disorders	
Lymphoreticular system: Lymphoma I	
Lymphoreticular system: Lymphoma II	
Lymphoreticular system: Lymphoma III	
Renal system: clinical manifestations of renal diseases	
Renal system: congenital abnormalities	
Renal system: cystic renal diseases	
Renal system: glomerular diseases	
Renal system: tubulointerstitial diseases	
Renal system: vascular diseases	
Renal system: urinary tract obstruction	
Renal system: tumors of the kidney	
Renal system: diseases of ureters and urinary bladder I	
Renal system: diseases of ureters and urinary bladder II	
Male genital system: external genitalia	
Male genital system: diseases of testes	
Male genital system: tumors of testes	
Male genital system: diseases and tumors of prostate	
Female genital system: Infections of female genital tract	
Female genital system: external genitalia	
Female genital system: diseases of vagina	
Female genital system: diseases of the cervix	
Female genital system: diseases of the uterus I	
Female genital system: diseases of uterus II	
Female genital system: diseases of fallopian tubes	
Female genital system: diseases of the ovary	
Female genital system: diseases of the ovary	
Female genital system: diseases of the placenta	
Breast: Congenital abnormalities	
Breast: Clinical presentation of breast diseases	
Breast: Inflammatory disorders	

Breast: Benign epithelial lesions	
Breast: Carcinoma breast I	
Breast: Carcinoma breast II	
GIT: oral cavity	
GIT: Esophagus I	
GIT: Esophagus II	
GIT: Stomach I	
GIT: Stomach II	
GIT: Small intestine I	
GIT: Small intestine II	
GIT: Large intestine I	
GIT: Large intestine II	
GIT: Appendix and peritoneum	
Liver and gallbladder I	
Liver and gallbladder II	
Liver and gallbladder III	
Disease of the exocrine pancreas	
Musculoskeletal disorders: Muscle diseases	
Musculoskeletal disorders: bone tumors	
Musculoskeletal disorders: joint diseases I	
Musculoskeletal disorders: : joint diseases II	
Skin diseases I	
Skin diseases II	
Skin diseases III	
Skin diseases IV	
Midterm examination II	
Review I	
Review II	
Review II	

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