



Second part

Semester

(1)

- Neuroradiology
- Radiology of head and neck
- Vascular Imaging
- Pediatrics radiology 1



Chapters	Subjects	Date & hours	lecturer	Attendance
I. Brain:	1- Congenital Malformations & Neurocutaneous Syndromes:			
	1- Congenital malformations			
	2- Congenital malformations 1			
	3- Neurocutaneous syndromes 1			
	4- Neurocutaneous syndromes2			
	2- Brain tumor:			
	5- Brain tumors			
	6- Brain tumors			
	7- Brain tumors			
	8- Brain tumors			
	9- Film interpretation			
	4- White matter disease:			
	10- Degenerative disease(inherited)			
	11- Degenerative disease acquired			
	12- Metabolic/toxic			
	13- Film interpretation			
	5- Infection:			
	14- Congenital			
	15- Acquires(bacterial)			
	16- Acquires(viral-fungal)			
	3- Vascular:			
	17- Infarction			
18- Hemorrhage				
19- Vascular anomalies				
20- Vascular anomalies				
6- skull base:				
21- Skull base:				
22- Skull base				



	Chapters	Subjects	Date & hours	lecturer	Attendance
II. Spine:	1- Congenital and developmental disorders:				
		23- Congenital and developmental disorders I			
		24- Congenital and developmental disorders II			
	2- Infection and degenerative disease.				
		25- Infection and degenerative disease.			
	3- Spinal tumors:				
		26- Spinal tumors			
	4- Trauma to the spine				
		27- Trauma to the spine			
	5- Film interpretation				
	28- Film interpretation				
III. Head & neck:	a. Orbit :				
		29-			
		30-			
		31- Film interpretation			
	b. Nose & PNS:				
		32-			
		33-			
		34- Film interpretation			
	c. Temporal bone :				
		35- Inflammatory			
		36- Neoplastic			
	d. Introduction to neck spaces				
		37- Introduction to neck spaces			
	e. Pharynx				
		38- Pharynx			
	f. LARYNX				
	39- Larynx				
g. ORAL CAVITY & MASTICATOR Space & submandibular space:					
	40- Oral cavity & masticator space &				



		submandibular space:			
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<u>Chapters</u>		<u>Subjects</u>	<u>Date & hours</u>	<u>lecturer</u>	<u>Attendance</u>
	h. Parotid space & para-pharyngeal space				
		41-Parotid space & para-pharyngeal space			
	i. Carotid space				
		42-Carotid space			
	j. Thyroid				
		43-Thyroid			
	k. Mandible				
		44-Mandible			
	l. LNs				
		45-LNs			
	m. D.D				
		46-			
	n. Film interpretation				
		47-Film interpretation			
IV. Vascular	1- Arterial:				
		48-System			
		49-Local			
		50-Ischemia			
	2- Venous				
		51-DVT			
		52-Varicose vein			
	3- D.D				
		53-			
V. Pediatric	1- DD. Of pediatric brain tumors:				
		54-D.D Of pediatric brain tumours:			



2- D.D of pediatric neck masses:

55-D.D of paediatric
neck masses

- Time of attended lectures: hours
- Percentage: %

Signature of responsible chief Signature of department chief



Semester

(2)

- Gastroentriology.
- Urinary system.
- Genital system.
- Breast.
- Paediatrics radiology 2.



		<u>Subjects</u>	<u>Date & hours</u>	<u>lecturer</u>	<u>Attendance</u>
Pediatric2 (Gastroenterology)	Alimentary tract	<ul style="list-style-type: none"> • Oesophageal Atresia and gastroesophageal reflux • Gastric Volvulus • Hypertrophic Pyloric Stenosis • Duodenal Atresia or Stenosis • jejunoileal Atresia • Mal-rotation 			
		<ul style="list-style-type: none"> • Midgut Volvulus • Ileocolic Intussusception (Idiopathic) • Meconium Ileus&Meconium Plug Syndrome • Meckel Diverticulum • Hirschsprung Disease • Anorectal Malformation. 			
	liver	<ul style="list-style-type: none"> • Diffuse liver disease • Focal liver disease 			
	Biliary	<ul style="list-style-type: none"> • Biliary Atresia • Choledochal Cyst • Caroli Disease 			
Adult (Gastroenterology)	Alimentary tract	• Oesophagus.			
		• Stomach			
		• Duodenum			
		• Small intestine			
		• Appendix			
	• Colon+ rectum				
	liver	• Diffuse liver disease			
• Focal liver disease(benign)					
• Focal liver disease(malignant)					



		<u>Subjects</u>	<u>Date & hours</u>	<u>lecturer</u>	<u>Attendance</u>
	biliary	•			
	pancreas	•			
Elective course	liver	• Liver transplant			
Adult (Breast)	breast	• Benign Vs. malignant			
		• Lactating • Male breast • LN			
		• Cancer • Breast implant			
Pediatric2 (Urinary system & genital)	Urinary	• Congenital abnormalities • Multicystic renal diseases			
		• Renal masses • Adrenal masses			
	Genital	•			



	Others	<ul style="list-style-type: none"> • Rhabdomyosarcoma, Genitourinary • Sacrococcygeal Teratoma 			
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		<u>Subjects</u>	<u>Date & hours</u>	<u>lecturer</u>	<u>Attendance</u>
Adult (Urinary system)	Kidney	• Infection & inflammation			
		• Trauma			
		• Vascular			
		• Neoplasm (BG)			
		• Neoplasm (MG)			
	Ureter, bladder & urethra	<ul style="list-style-type: none"> • Infection ,inflammation • Trauma • neoplasm 			
Elective course	Renal	<ul style="list-style-type: none"> • Renal transplant 			
Adult Suprarenal gland	Suprarenal gland				
Adult Peritoneum & Retroperitoneal		<ul style="list-style-type: none"> • Peritoneum • Retroperitoneal 			



Adult (Genital)	fem ale	<ul style="list-style-type: none">uterusovary			
	male	<ul style="list-style-type: none">			

of

Semester

(3)

▪ Time

attended lectures: hours

▪ Percentage: %

**Signature of
chief
department**

- Musculoskeletal system
- Chest.
- Cardio.
- Pediatrics radiology 3

**responsible
Signature of
chief**



Branch	Chapter	Subjects	Date & hours	lecturer	Attendance
Pediatric3 (Musculoskeletal system)	Deformity	Lower limb deformities Upper limb deformities Spine deformities			
	Dysplasia	Osteogenesis imperfecta Osteopetrosis Achondroplasia Fibrous dysplasia Diaphyseal aclasis Mucopolysaccharidosis			
Adult (Musculoskeletal system)	AVN & Paget disease	AVN Paget disease			
	Metabolic & endocrine				
	Infection				
	Arthritis				
	Oncology	Introduction			
		Bony tumors Fibrous tumors			
		Cartilaginous tumors Blood disease			
		Synovial Soft tissue lesions			
Bone marrow					



Branch	Chapter	Subjects	Date & hours	lecturer	Attendance	
	Trauma					
	Shoulder					
	knee					
	Hi p					
	Elbow & TMJ					
Wrist						
Ankle						
Pediatric3 (chest)	Respiratory distress syndrome					
	Mediastinal masses					
Adult (chest)	Infection & Inflammation	Bacterial Pneumonia Staphylococcus Pneumonia Mycobacterial Pneumonia Lung Abscess				
		Histoplasmosis Aspergillosis Blastomycosis Coccidioidomycosis Parasitic Pneumonia Eosinophilic Pneumonia Acute Interstitial Pneumonia Viral Pneumonia				



		Pneumocystis Pneumonia			
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Branch	Chapter	Subjects	Date & hours	lecturer	Attendance
	Air way diseases	Chronic Bronchitis Bronchiectasis Emphysema Lung collapse Allergic Bronchopulmonary Aspergillosis Tracheobronchomalacia Relapsing Polychondritis Middle Lobe Syndrome Saber-Sheath Trachea Bronchiolitis Obliterans			
	Pleura & diaphragm	Pleura: Congenital Inflammatory Infectious Toxic Neoplastic Vascular Diaphragm: Congenital inflammatory			
	Trauma	Pneumomediastinum Pneumothorax Tracheobronchial Tear Lung Trauma Rib Fracture and Flail Chest Aortic Transection Spinal Fracture Sternal Fracture Diaphragmatic Tear Esophageal Tear Splenosis Air Embolus, Pulmonary Thoracic Duct			



Mediastinum	Anatomy Anterior mediastinum			
	Middle mediastinum Posterior mediastinum			

Branch	Chapter	Subjects	Date & hours	lecturer	Attendance
	Vascular	Cardiogenic Pulmonary Edema Non-cardiac Pulmonary Edema Pulmonary Embolism Diffuse Alveolar Hemorrhage Pulmonary Artery Hypertension Pulmonary Artery Aneurysm			
	Occupational & Interstitial lung diseases				
	Chest affection in systemic diseases	Sarcoidosis Idiopathic Pulmonary Fibrosis Hypersensitivity Pneumonitis Rheumatoid Arthritis Scleroderma, Pulmonary 1 Polymyositis - Dermatomyositis, Pulmonary Nonspecific Interstitial Pneumonitis			
	Neoplastic	Bronchioloalveolar Cell Carcinoma Lymphangitic Carcinomatosis Lymphocytic Interstitial Pneumonia Lymphangiomyomatosis Tracheopathia Osteochondroplastica Carcinoid, Pulmonary Kaposi Sarcoma, Pulmonary			





Branch	Chapter	Subjects	Date & hours	lecturer	Attendance
	D.D	Acute lung consolidation Chronic lung consolidation Upper lung zone predominant disease Basilar peripheral lung zone predominant disease Focal increase lung density Focal decrease lung density Multiple pulmonary nodules.			
		Cystic Lung Disease HRCT: Bronchocentric Pattern HRCT: Lymphatic Pattern HRCT: Ground-Glass Opacities HRCT: Mosaic Pattern of Lung Attenuation HRCT: Tree-In-Bud Pattern			
Pediatric3 (Cardio)	Embryology	Heart Greats vessels			
	Cyanotic heart diseases	Tetralogy of Fallot Pulmonary Atresia Ebstein Anomaly D-Transposition of the Great Arteries Tricuspid Atresia Truncus Arteriosus Total Anomalous Pulmonary Venous			
	ACyanotic heart diseases	Ventricular Septal Defect (VSD) Atrial Septal Defect (ASD) Atrioventricular Septal Defect (AVSD) Patent Ductus Arteriosus (PDA)			
	Others	Aorta. Pulmonary vessels.			



Branch	Chapter	Subjects	Date & hours	lecturer	Attendance
Adult (Cardio)	Valvular heart disease				
	Pericardium & cardiomegaly				
	Myocardial diseases				
Coronaries					

- Time of attended lectures: hours
- Percentage: %

Signature of responsible chief Signature of department chief



Elective Courses



<u>Subjects</u>	<u>Date & hours</u>	<u>lecturer</u>	<u>Attendance</u>
4 Recent advances in neuroradiology			
5-Recent advances in cardiac imaging			
6- Recent advances in vascular imaging			