منهاج النظري الدبلوم العالي والوحدات الدراسيه /للاشعه التشخيصيه

للعام الدراسي 2022-2023

PHYSICUS OF RADIOLOGY 30 HOURS د.عبد الكريم البيرماني

The hours	
1.hour	introduction
2.hour	Introduction of x-ray and CT scan
2.hour	plain x-ray
2.hour	CT SCAN
4.hour	MRI
1.hour	US
2.hour	x-ray tube
2.hour	Feature of x-ray
3.hour	Gamma ray
3.hour	MRI. Physics
3hour	PET
2hour	Radio-isotope
3hour	Contrast study

ANATOMY 30 HOURS

د.هيثم الصايغ

45.hour	**Head and neck**
2.hour	**Oesophagus**
3.hour	**Stomach**
7.hour	**Urinary system**
8.hour	**Chest**
5.hour	**Liver**
4.hour	**Pancreatic anatomy**
8.hour	**Upper and lower limbs**

د.قاسم امير تاج الدين

Radiology OF CNS : 25

The hour		
2.hour	Introduction	
2.hour	Type of skull	
2.hour	CT scan of BRAIN	
1.hour	SKULL x-ray	
3.hour	BRAIN TUMOR	
2.hour	ventricle	
2.hour	Infarction	
1.hour	Brain stem	
2.hour	MRI of brain	
2.hour	CT scan of posterior fossa	
3hour	Trauma to brain	
3hours	Congenital disease	

Radiology respiratory system :25 **د.اسامه اياد**

The hour		
2.hour	Introduction of chest	
3.hour	Type of chest disease	
2.hour	x-ray of chest types	
3.hour	lateral	
3.hour	pa	
2.hour	CT of chest	
2.hour	lung	
3.hour	hilar	
3.hour	MRI	
2.hour	CT scan of cardiac	

Radiology of urinary system :25 hour **د.قاسم امير**

The hour		
3.hour	Introduction	
2.hour	Type of investagation	
3.hour	CT	
2.hour	kidney	
3.hour	ureter	
2.hour	IVU	
3.hour	cystogram	
2.hour	bladder	
3.hour	MRI	
2.hour	CT scan	

Radiology of GIT and biliary tree:31 hour **د.حسنين احمد**

The hour	
3.hour	Introduction
3.hour	Type of invstagation
3.hour	intestine
2.hour	oesophagus
3.hour	barium
2.hour	stomach
2.hour	pancrease
5.hour	liver
5.hour	MRI
5.hour	CT scan

د.اسامه اياد 20: Radiology of upper and lower limb

The hour	
2.hour	Introduction
2.hour	Type of bone
2.hour	x-ray
2.hour	CT scan
2.hour	MRI
2.hour	Wrist
2.hour	Rickets
2.hour	Bone density
2.hour	trauma
2.hour	Fracture

breast imaging:

د.حسنين احمد

Main principle :

1-inroduction of chest x-ray

2-disease of lung appearance on x-ray

3-plain abdominal x-ray

4-contrast study of GIT

5-urinary system and IVU

6-introduction of ultrasound

7-appearance of CT scan

8-principle of MRI

9-x-ray of bone disease

10-intestinal obstruction and appearance on ultrasound ,x-ray and CT scan

References

1-Armstrong

2-Baily and love. Last edition 2008

3-Text book of radiology and imaging (David Sutton) . 8tn edition 2008

4-Diagnostic radiology (Grainger and Allisons)last edition 2006

5-Neuroimaging (clinical and physical principle) . 7tn edition 2004