



First Part



Advanced Physics

MRI

1- MR perfusion			
2- Advanced functional MRI (applications)			
3- MRI (basics)			
4- MRA			
5- DWI			
6- MRS			
7- Artifacts			
8- BOLD			

CT

<u>Subjects</u>	<u>Date & hours</u>	<u>lecturer</u>	<u>Attendance</u>
1- Multi-slice CT			
2- CTA			

US

<u>Subjects</u>	<u>Date & hours</u>	<u>lecturer</u>	<u>Attendance</u>
1- THI			
2- Doppler			



Interventional Radiology

Subjects	Date and time lecturer	Attendance
1- General principles of embolization and chemoembolization		
2- Percutaneous needle biopsy and abscess drainage		
3- Pulmonary and bronchial artery embolization		
4- Carotid artery dilation and stenting		
5- Intracranial aneurysmal coiling		
6- Embolization of skull base tumors		
8- Obstructive uropathy and renal stones.		
9- Pelvic and obstetric hemorrhage.		
10- Interventional embolization and varicocele		
11- Liver and biliary tree		



<p>12- Spleen (splenic artery embolization + transsplenic pornography)</p> <p>13- Portal hypertension</p> <p>14- IVC filters</p>		
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