

Grodno state medical university

Department Radiodiagnostics and Radiotherapy

Schedule plane of classes for Radiology and radiotherapy for international students of the 3d year

No	Topics of practical classes	The number of hours	The number of hours transferred to guided independent work of students
1	Introduction to Radiology. Physical and biological basics of radiotherapy.	3	
2	Basics and principles of radiotherapy.	3	
3	Methods of beam therapy of tumors and nonmalignant diseases.	3	
4	X-ray methods.	3	
5	Principles and foundations of ultrasonic investigation.	3	
6	Principles and foundations of magnetic-resonance tomography.	3	
7	Principles and foundations of nuclear medicine.	3	
8	Musculoskeletal imaging. The basics x-ray symptoms at damages of bones and joints.	3	
9	Radiological attributes of damages and diseases of the musculoskeletal system	3	
10	Pulmonary imaging. The basic radiological symptoms and syndromes at diseases of lung.	3	
11	Radiological signs of damages and the basic diseases of lungs and mediastinum.	3	
12	Radiological researches of heart and vessels.	3	
13	Radiological diagnosis of cardiovascular diseases.	3	
14	Radiological researches of gastrointestinal tract.	3	
15	Radiological researches of liver and pancreas.	3	
16	Radiological researches in urology and nephrology.	3	
17	Nuclear medicine and radiological imaging for investigation of the endocrine system.	3	
18	Nuclear medicine and radiological imaging for investigation of the nervous system.		5
Total hours		51	5

Senior Lecturer



Semianiuk T.V.