

**DEPARTMENT OF IMAGE DIAGNOSTICS, DENTAL ALERGOLOGY AND PHYSIOTHERAPY**  
**SCHEDULE OF EXCIERSISES IN IMAGE DIAGNOSTICS**  
**III GRADE, VI SEMESTER**

№	TITLE	HOURS	WEEK
1.	Image Diagnostics – main methods. Image diagnostic apparatuses – for x-ray, ultrasound, MRT. X-ray room design. X-ray processing room. Main principles of radiation protection in x-ray examinations.	2 h.	
2.	X-ray image – acquisition, qualities, geometrical characteristics. Main x-ray methods. Use of contrast media in image diagnostic examinations.	2 h.	
3.	Image diagnostics of the respiratory system. Methods of examination. Basic x-ray symptomatology. Most common diseases.	2 h.	
4.	Image diagnostics of the cardio-vascular system. Methods of examination. Basic x-ray symptomatology. Most common diseases.	2 h.	
5.	Image diagnostics of the excretory system. Normal x-ray anatomy. Methods of examination. Most common diseases.	2 h.	
6.	Image diagnostics of the gastro-intestinal tract. Methods of examination. Most common diseases.	2 h.	
7.	Image diagnostics of the nervous system. Image diagnostics of the reproductive system. Methods of examination.	2 h.	
8.	Image diagnostics of the musculoskeletal system. Methods of examination. Normal x-ray anatomy. Main pathological processes.	2 h.	
9.	Image diagnostics of the musculoskeletal system. X-ray symptomatology of bone trauma.	2 h.	
10.	Image diagnostics of the musculoskeletal system. Inflammatory diseases. Specific and rare bone disorders	2 h.	
11.	Image diagnostics of the musculoskeletal system. Benign tumours. Methods of examination.	2ч.	
12.	Image diagnostics of the musculoskeletal system. Malignant tumours. Methods of examination.	2 h.	
13.	Colloquium	2 h.	
14.	Nuclear medicine	2 h.	
15.	Radiotherapy.	2 h.	

**Total hours: 30 h.**

**HEAD OF DEPARTMENT: .....**

**/Assoc. Prof. Dr. Iliana Stoeva, D.Sc. /**