

Confirmed by the meeting of the department
Protocol No. 5 from the December 28.2023

The Head of the department  Assoc. prof. I. Dats

**CALENDAR-THEMATIC PLAN
of practical classes of Radiology
for the 3rd year students of medical faculty
during the spring semester of 2023 – 2024 educational year**

No	Topics	The date, groups	Amount of hours
1.	X-ray methods of imaging (source of radiation, object of the study, detector of the radiation). Artificial contrasting of the object. Basic and special methods of the X-ray studies.	02.01.-08.01.24 1-7 groups	2
2.	X-ray methods of the lung assessment, normal X-ray anatomy of the lung. Basic X-ray symptoms of the lung pathology. X-ray semiotics of the lung diseases (acute and chronic pneumonia, pulmonary artery thrombosis, chronic bronchitis, emphysema, limited nonspecific pneumosclerosis, tuberculosis, primary and metastatic cancer, pleuritis). Algorithm for X-ray examination of the organs of the chest.	09.01.-15.01.24 1-7 groups	2
3.	X-ray methods of imaging of the heart and great vessels. Features of visualization in norm according to the age and constitution of the patient. X-ray semiotics of diseases of the heart and large vessels (ischemic heart disease, myocardial infarction, hypertensive heart disease, congenital and acquired defects, aneurysms, nonspecific inflammatory processes, tumors).	16.01.-22.01.24 1-7 groups	3
4.	X-ray examination of salivary glands and gastrointestinal tract. X-ray signs of salivary gland diseases. X-ray semiotics of diseases of the gastrointestinal tract. Emergency radiology (trauma, bleeding, pain syndrome, obstruction).	23.01.-29.01.24 1-7 groups	2
5.	Radiological examination of the hepatobiliary system. Radiological signs of gallbladder, liver and biliary tract diseases.	30.01.-05.02.24 1-7 groups	2
6.	X-ray examination of the urinary system. X-ray anatomy and physiology of the urinary system. Radiological signs of kidney and urinary tract pathology.	06.02.-12.02.24 1-7 groups	2
7.	X-ray examination of the reproductive system and mammary glands. Radiological signs of pathology of the reproductive system and mammary glands.	13.02.-19.02.24 1-7 groups	2
8.	X-ray examination of the bones and joints. Radiographic findings of the bones and joints associated with aging. The types of bone remodeling. Radiological signs of diseases and injuries of the bones and joints. X-ray semiotics of benign and malignant tumors of the bone and joint in adults and children.	20.02.-26.02.24 1-7 groups	2
9.	X-ray examination of the central nervous system. Radiological signs of pathology of the skull, spine, brain and spinal cord.	27.02.-04.03.24 1-7 groups	2
10.	X-ray studies in otorhinolaryngology and ophthalmology. Radiological signs of diseases in otorhinolaryngology and ophthalmology.	05.03.-11.03.24 1-7 groups	2
11.	Computed tomography scans and magnetic resonance imagine are modern diagnostic methods. Differentiated credit.	12.03.-18.03.24 1-7 groups	2
Totally:			23

