

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 LECTURES
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.	Basic methods of the image obtaining in medical radiology (X-rays, CT, MRI). Defence principles from the radiation exposure of the patients and labour-protective measures for radiological units personnel. Indications and contraindications for radiological studies, dose limitation for the X-ray procedure. Basic and additional methods of the X-ray examination for the evaluation of the respiratory system. Peculiarities of the visualizing according to the age and constitutional normal range. X-ray semiotics of the respiratory tract diseases.	10.01.24 1-7 groups	2
2.	X-ray examination of the heart and large vessels. Peculiarities of the visualizing according to the age and constitutional normal range. X-ray semiotics of the heart and large vessels pathology (coronary heart disease, myocardial infarction, arterial hypertension, congenital and acquired valve diseases, aneurisms, non-specific inflammatory diseases, tumours).	24.01.24 1-7 groups	2
3.	X-ray examination of the gastrointestinal tract, urinary tract, liver and bile ducts. X-ray semiotics of the gastrointestinal tract, urinary tract, liver and bile ducts diseases. X-ray examination in the emergency cases (injuries, haemorrhages, pain syndrome, obstruction).	07.02.24 1-7 groups	2
4.	Methods of the X-ray examination of the bones and joints. Age peculiarities of the bones and joints visualizing. X-ray semiotics of the diseases and injuries of the bones and joints. X-ray examination of the central nervous system. X-ray semiotics of the skull, spine, brain and spinal cord injuries. X-ray studies and X-ray semiotics of the main diseases in otolaryngology and ophthalmology. X-ray diagnostic of emergency cases.	21.02.24 1-7 groups	2
Total amount of hours			8