

**Thematic plan of lecture-type classes
on the discipline "Radiation diagnostics" for students
of the educational program of specialization
on specialty/training direction 31.05.03 Dentistry,
orientation (profile) Dentistry,
full-time education form
for 2023-2024 academic year**

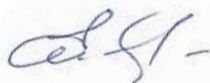
№	Topics of lecture-type classes	Hours (acad.)
1.	Types of radiation diagnostics. Physical and technical foundations of radiation diagnostics. 1 X-ray, ultrasound, radionuclide, magnetic resonance, thermal imaging methods of radiation diagnostics. 2	2
2.	Radiologic diagnostics of diseases and injuries of thoracic organs. 1 Types / methods /, methods, techniques, radial anatomy, semiotics. 2	2
3.	Radiologic diagnostics of diseases and injuries of abdominal cavity organs. 1 Types / methods /, methods, techniques, radiation anatomy, semiotics. 2	2
4.	Radiologic diagnostics of diseases and injuries of bones and joints. 1 Types / methods /, methods, techniques, radial anatomy, semiotics. 2	2
5.	Fundamentals of dosimetry. Radiation safety. 1 Methods of dosimetry, principles of radiation safety. 2	2
6.	Radiation methods of diagnostics of heart and large vessels. 1 Types / methods /, methods, techniques, radiation anatomy, semiotics. 2	2
7.	Radiation methods of diagnostics of maxillofacial zone. 1 Types / methods /, methods, techniques, radial anatomy, semiotics. 2	2
8.	X-ray anatomy and semiotics of the dento-mandibular zone. 1 Radiologic diagnosis of maxillofacial zone developmental anomalies. 2	2
9.	Radiation methods of diagnostics of inflammatory processes of the maxillofacial zone. 1 Types / methods /, methods, techniques, radial anatomy, semiotics of the maxillofacial zone. 2	2
10.	Radiation methods of diagnostics of traumatic injuries, neoplasms of maxillofacial zone. 1 Types / methods /, methods, techniques, radial anatomy, semiotics. 2	2
	Total	20

1 - topic

2 - essential content (if necessary)

Approved at the meeting of the Department of Radiologic Diagnostics on June 1, 2023, protocol № 11.

Head of the Department



E.V. Gorelik