FACULTY OF DENTAL MEDICINE
MEDICAL UNIVERSITY – SOFIA
DEPARTMENT OF IMAGING AND ORAL DIAGNOSTIC
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CURRICULUM

for practical exercises of Diagnostic Imaging for students – III-year, Summer Semester 2025/ 2026

1. Diagnostic imaging – principles, apparatus, basic terminology. X – ray image and methods – essence; properties.
2. Diagnostic imaging of chest and lungs – methods of diagnostic, normal anatomy, and diseases.
3. Diagnostic imaging of cardiovascular system – methods, normal anatomy, and diseases.
4. Diagnostic imaging of gastro – intestinal system - methods, normal anatomy, and diseases.
5. Diagnostic imaging of the urinary system – methods, diseases.
6. Diagnostic imaging of bones and joints. Basic pathological bone changes. Fractures.
7. Diagnostic imaging of the diseases of bones, including inflammatory and tumors, aseptic osteonecrosis, and endocrine related changes in bones.
8. X – ray anatomy of tooth and jaws.
9. Intraoral radiographs. Techniques.
10. Panoramic radiography.
11. Radiograms of the skull – different techniques.
12. Basic pathological bone changes in the jaws and their representation.
13. Demonstration of different X-ray techniques.
14. CBCT examinations.
15. Colloquium.

МЕДИЦИНСКИ УНИВЕРСИТЕТ - СОФИЯ * КАТЕДРА ОБРАЗНА И ОРАЛНА ДИАГНОСТИКА * ФАКУЛТЕТ ПО ДЕНТАЛНА МЕДИЦИНА

Head of Department:

(Prof. Dr. Hristina Mihaylova, Ph.D.)