

EXAMINATION QUESTIONS IN DIAGNOSTIC IMAGING - RADIOLOGY

1. Principles of origin and use of X-rays
2. Contrast materials in radiology (radiography, CT, MRI, Ultrasound)
3. Principles and indications of plain radiography and fluoroscopy
4. Principles and indications of ultrasonography
5. Principles and indications of computed tomography
6. Principles and indications of magnetic resonance
7. Principles and indications of angiography, vascular and non-vascular interventional radiology
8. Radiodiagnostic methods of brain
9. Radiodiagnostic methods of spine and spinal cord
10. Radiodiagnostic methods of head and neck
11. Radiodiagnostic methods of lungs
12. Radiodiagnostic methods of heart and blood vessels
13. Radiodiagnostic methods of esophagus, stomach and duodenum
14. Radiodiagnostic methods of small and large bowel
15. Radiodiagnostic methods of liver biliary tract, pancreas and spleen
16. Radiodiagnostic methods of kidneys, excretory system, urinary bladder and prostate
17. Radiodiagnostic methods in gynecology, obstetrics and breast imaging
18. Radiodiagnostic methods of bones and joints
19. RDG findings in vascular brain diseases (incl. stroke)
20. RDG findings in brain tumors and inflammations
21. RDG findings in cranio-cerebral injuries
22. RDG findings in tumors and inflammatory diseases of spine and spinal cord
23. RDG findings in injuries and degenerative diseases of spine and spinal cord
24. RDG findings in diseases of temporal bone and paranasal sinuses
25. RDG findings in orofacial tumors
26. RDG findings in lung inflammations and atelectasis
27. RDG findings in lung tumors
28. RDG findings in interstitial lung diseases and pleural diseases
29. RDG findings in diseases of the lung circulation
30. RDG findings in diseases of the heart and coronary arteries
31. RDG findings in diseases of aorta and peripheral arteries
32. RDG findings in diseases of veins
33. RDG findings in acute abdomen
34. RDG findings in diseases of the esophagus stomach and duodenum
35. RDG findings in diseases of small and large bowel
36. RDG findings in liver diseases
37. RDG findings in diseases of biliary ducts
38. RDG findings in diseases of pancreas and spleen
39. RDG findings in diseases of adrenal glands and retroperitoneum
40. RDG findings in disease of kidneys, and excretory system
41. RDG findings in diseases of urinary bladder and prostate
42. RDG findings in gynecologic diseases
43. RDG findings in breast diseases
44. RDG findings of general symptoms of bone diseases
45. RDG findings in bone and joints injuries
46. RDG findings in osteopathies of metabolic, endocrine and toxic origin
47. RDG findings in degenerative joint diseases and aseptic bone necrosis
48. RDG findings in disorders of bone and joints development
49. RDG findings in bone and joint inflammatory diseases
50. RDG findings in bone tumors and tumor-like lesions