

Oncology

1. Biology of neoplastic growth - review.
2. Microbial agents and carcinogenesis: viruses, bacteria and fungi in oncogenesis.
3. Chemical and hormonal factors, and radiation in carcinogenesis.
4. Molecular-genetic basis of neoplasia.
5. Pseudotumors.
6. Morphological (histological and cytological) features of tumors
7. Preneoplastic changes.
8. Relationship between the tumor and the host. Tumor markers.
9. Morphological classification of tumors. Staging and grading.
10. Soft tissue (mesenchymal) tumors.
11. Leukemia: general features, classification, clinical symptoms.
12. Acute leukemia.
13. Myelodysplastic syndrome.
14. Chronic leukemia.
15. Myeloproliferative neoplasia.
16. Lymphoma: general features, classification.
17. Hodgkin lymphoma.
18. Langerhans cell histiocytosis.
19. B-non-hodgkin lymphomas.
20. T-non-hodgkin lymphomas
21. Plasma cell myeloma.
22. Benign and malignant epithelial tumors.
23. Neuroectodermal tumors.
24. Germ cell tumors.
25. Mixed tumors – review, examples.
26. Tumors of the heart, thymus and spleen.
27. Tumors of the nose, nasopharynx and pharynx.
28. Tumors of trachea, bronchi, lungs and pleura.
29. Tumors of the mediastinum - review.
30. Tumors of oral cavity and jaws, odontogenic tumors.
31. Tumors of pharynx and salivary glands.
32. Tumors of esophagus and stomach.
33. Tumors of the small and large intestine.
34. Tumors of the liver and bile ducts.
35. Tumors of exocrine pancreas.
36. Tumors of peritoneum.
37. Tumors of the kidney.
38. Tumors of the lower urinary tract.
39. Tumors of the penis and scrotum.
40. Tumors of the testis and epididymis.
41. Tumors of the prostate.
42. Tumors of the fallopian tube and ovary.
43. Neoplasms and preneoplastic lesions of vulva and vagina.
44. Neoplasms and preneoplastic lesions of the uterine cervix.
45. Neoplasms and preneoplastic lesions of endometrium. Tumors of myometrium.
46. Neoplasms and preneoplastic lesions of mammary gland - review.

47. Ductal carcinoma and lobular carcinoma of mammary gland.
48. Tumors of central nervous system – general review, symptoms, prognosis.
49. Glial tumors of CNS.
50. Other (than glial) tumors of CNS.
51. Tumors of meninges and peripheral nerves.
52. Benign tumors of bones.
53. Malignant tumors of bones.
54. Tumors of the thyroid and parathyroid glands.
55. Pituitary tumors.
56. Adrenal tumors.
57. Tumors of the peripheral endocrine system (including endocrine pancreas).
58. Tumors of the eye and ear.
59. Trophoblastic disease.
60. Cutaneous lesions of melanocytes.
61. Non-melanocytic tumors of the skin.