

***LIST OF TOPIC – “PATHOMORPHOLOGY” LECTURE IIIrd year FACULTY OF
MEDICINE, teacher: Dariusz Grzanka, MD PhD***

1. Introduction to pathology. Pathology as a basis for therapeutic decisions.
2. Routine and special techniques used in clinical pathology.
3. Cell Injury and adaptations 1
4. Cell Injury and adaptations 2
5. Mechanisms and morphological features of inflammation. Processes of tissue repair.
6. Neoplasms I: Basis of carcinogenesis and correlation with morphological image.
7. Neoplasms II: Morphological features of tumor-host reaction.
8. Neoplasms III: Basics of cancer classification. Progression, grading, staging.
9. Morphological characteristics: thromboembolic disease, shock, and disseminated intravascular coagulation syndrome (DIC). Haemorrhagic diathesis. Anemia.
10. Pathology of heart and vascular part 1 (congenital heart disease, pericarditis, myocarditis, etiopathogenesis of atherosclerosis)
11. Pathology of the heart and blood vessels part 2 (vasculitis, neoplasms of the heart and blood vessels).
12. Pathology of oral cavity, esophagus and stomach
13. Bowel diseases (Idiopathic inflammatory bowel disease)
14. Pathology of the upper respiratory tract. Tumors of salivary gland and larynx.
15. Lungs diseases
16. Non-neoplastic diseases of the lymphatic system. Pathology of the spleen and thymus. Classification system of proliferative diseases.
17. Test includes lectures 1-14
18. Pathology of glomerulonephritis - general issues.
19. Gynecological pathology.
20. Pathology of the genitourinary system (malformations, inflammation, and cancer of penis). Pathology of sexually transmitted diseases.
21. The pathology of selected diseases of the breast (inflammatory, proliferative lesions of the breast, selected aspects of the molecular basis of breast cancer and their significance).
22. Pathology in daily practice - clinical cases.
23. Pathogenesis and histopathology of diabetes.
24. Pathology of endocrine system. Neuroendocrine tumors.
25. Dermatopathology. Pathology of inflammatory skin diseases. Bullous skin disorders.
26. Pathology of the muscles, joints, and bones.
27. Aspects of soft tissue pathology
28. Tumors of CNS
29. The pathology of selected diseases of the nervous system (CNS viral infections, spongiform encephalopathies, primary myelin diseases and neurodegenerative diseases).
30. Pathology in daily practice - clinical cases.
31. Test includes lectures 16-30