

	FORM	Index: Fo 04.01.01-02
		Edition: P
	SYNOPSIS	Date: 03.09.2013 г.
		Page 1 of 3

SYNOPSIS CLINICAL- PATHOLOGY

1. Heart and Vascular diseases: Atherosclerosis. Epidemiology and Risk Factors. Morphology - early and late lesions. Complications. Clinical Significance.
2. Heart and Vascular diseases: Ischemic heart disease (IHD). Etiology. Pathogenesis. Acute IHD: Angina Pectoris; Sudden Cardiac Death. Chronic IHD. Complications.
3. Heart and Vascular diseases: Myocardial Infarction (MI). Types of MI. Morphologic Changes. Stages. Complications and Diagnosis of MI.
4. Heart and Vascular diseases: Hypertensive Disease. Etiology. Pathogenesis. Pathology. Vascular Changes. Organ's Involvement. Complications.
5. Heart and Vascular diseases: Heart Failure. Etiology. Types. Cardiac Hypertrophy and Dilatation. Pathologic Changes.
6. Heart and Vascular diseases: Vasculitis. Classification. Arteriitis. Aneurysms. Classification. Phlebothrombosis and Thrombophlebitis.
7. Heart and Vascular diseases: Acute Rheumatic Fever. Etiopathogenesis. Stages. Rheumatic Heart Disease. Organ's Involvement.
8. Heart and Vascular diseases: Non-rheumatic Endocarditis. Bacterial Endocarditis. Non-bacterial Thrombotic Endocarditis.
9. Heart and Vascular diseases: Myocarditis. Classification. Metabolic Diseases of the Heart: Hyperthyroid Heart Disease. Pericarditis - Acute and Chronic.
10. Heart and Vascular diseases: Cardiomyopathies. Classification. Congenital Heart Diseases.
11. Respiratory System Diseases: Pulmonary Infections. Pneumonias. Etiology and Pathogenesis. Bacterial Pneumonia. Lobar Pneumonia - Pathologic Changes. Complications.
12. Respiratory System Diseases: Pulmonary Infections Lobular Pneumonias. Etiology. Bacterial, Viral, and others Pneumonias. Complications. Lung abscess.
13. Respiratory System Diseases: Immunologic Lung Diseases: Bronchial Asthma. Hypersensitivity (Allergic) Pneumonitis; Pulmonary Eosinophilia; Goodpasture,s Syndrome. Idiopathic Pulmonary Fibrosis.
14. Respiratory System Diseases: Chronic Obstructive Pulmonary Disease (COPD). Chronic bronchitis. Emphysema. Etiology. Pathogenesis. Classification. Pathologic Changes. Complications. Bronchiactasis
15. Respiratory System Diseases: Chronic Restrictive Pulmonary Diseases. Pneumoconiosis. Silicosis. Coal Worker's Pneumoconiosis. Asbestos-related Disease. Berylliosis.
16. Respiratory System Diseases: Tumors of the Lung. Carcinoma of the Lung. Classification. Pathology. Clinical Features. Carcinoid Tumor. Metastatic Tumor. Mesothelioma.
17. Gastrointestinal Tract Diseases: Disorders and Tumors of Oral Cavity and Salivary Glands Stomatitis and Sialadenitis. Tumors of Salivary Glands. Adenomas. Malignant Tumors.
18. Gastrointestinal Tract Diseases: Diseases of Oesophagus - Achalasia. Hiatus- hernia. Diverticula. Reflux Eosophagitis. Barret's Oesofagus. Malignant Tumors of Oesophagus.
19. Gastrointestinal Tract Diseases: Gastritis. Acute and Chronic Gastritis. Etiology and Morphology. Chronic Peptic Ulcers of Stomach and Duodenum. Morphology. Complications.
20. Gastrointestinal Tract Diseases: Stomach. Benign Tumors. Gastric Cancer. Epidemiology. Morphology. Early and Advanced Gastric Cancer. Complications.
21. Gastrointestinal Tract Diseases: Inflammatory Bowel Diseases. Crohn's Disease. Ulcerative Colitis.
22. Gastrointestinal Tract Diseases: Intestinal Obstruction. Acute Appendicitis. Peritoneal Infections. Complications.
23. Gastrointestinal Tract Diseases: Tumors of Small and Large Intestine - Benign and Malignant. Morphology.
24. Liver, Biliary Tract and Pancreas Diseases: Acute Viral Hepatitis. Etiologic Classification. Pathology of Acute and Chronic Hepatitis. Fulminant Hepatitis (Submassive and Massive Necrosis). Liver Abscesses.
25. Liver, Biliary Tract and Pancreas Diseases: Cirrhosis. Pathogenesis. Morphologic and Etiologic Classification. Portal Hypertension. Complication.
26. Liver, Biliary Tract and Pancreas Diseases: Specific Types of Cirrhosis. Alcoholic Liver Disease (Fatty Liver, Alcoholic Hepatitis and Cirrhosis). Post-necrotic Cirrhosis
27. Liver, Biliary Tract and Pancreas Diseases: Specific Types of Cirrhosis. Primary Biliary Cirrhosis. Primary Sclerosing Cholangitis. Extrahepatic Biliary Obstruction (Secondary Biliary Cirrhosis).

	FORM	Index: Fo 04.01.01-02
		Edition: P
	SYNOPSIS	Date: 03.09.2013 г.
		Page 2 of 3

28. Liver, Biliary Tract and Pancreas Diseases: Specific Types of Cirrhosis. Pigmented Cirrhosis in Hemochromatosis. Cirrhosis in Wilson's Disease. Indian Childhood Cirrhosis.
29. Liver, Biliary Tract and Pancreas Diseases: Hepatic Tumors. Benign and Malignant. Primary and Metastatic. Morphology .
30. Liver, Biliary Tract and Pancreas Diseases: Cholelithiasis. Cholecystitis. Tumors of Biliary System.
31. Liver, Biliary Tract and Pancreas Diseases: Pancreatitis. Acute and Chronic. Tumors of Exocrine and Endocrine Pancreas.
32. Kidney and Urinary Tract Diseases: Glomerular Diseases. Definition. Classification. Pathogenesis of Glomerular Injury: Morphologic Pattern of Glomerular Injury. Clinical Manifestation. Nephrotic Syndrome and Nephritic Syndrome.
33. Kidney and Urinary Tract Diseases: Primary Glomerulonephritis (GN). Morphologic Pattern of Glomerular Injury in: Acute (Post-streptococcal) GN, Rapidly progressive GN, Minimal Change Disease. Membranous GN.
34. Kidney and Urinary Tract Diseases: Primary Glomerulonephritis. Morphologic Pattern of Glomerular Injury in : Membranoproliferative GN, Focal Glomerulonephritis. Focal Segmental Glomerular Sclerosis, Ig A Nephropathy. End-stage Kidney (Chronic Glomerulonephritis).
35. Kidney and Urinary Tract Diseases: Secondary Glomerular Diseases (Nephropathies). LSE Nephropathy, Diabetes Mellitus Nephropathy, Amyloidotic Nephropathy, Myeloma Nephropathy. Hereditary Nephritis.
36. Kidney and Urinary Tract Diseases: Tubulointerstitial Disease. Acute Pyelonephritis. Chronic Pyelonephritis. Obstructive Uropathy. Urolithiasis. Hydronephrosis.
37. Kidney and Urinary Tract Diseases: Tubular Diseases. Acute Tubular Necrosis (Acute Renal Failure) - Ischemic Type, Toxic Type. Fate. Chronic Renal Failure. Morphology and Types of Nephrosclerosis:
38. Kidney and Urinary Tract Diseases: Tumors of the Kidney and Urinary Tract. Benign and Malignant. Morphologic Types. Complications.
39. Haemopoetic and Lymphoid System Diseases: Anaemias. General Considerations. Classification. Anaemia of Blood Loss. Hemolytic Anaemia.
40. Haemopoetic and Lymphoid System Diseases: Iron Deficiency Anaemia. Sideroblastic Anaemia. Megaloblastic Anaemia. Pernicious Anaemia.
41. Haemopoetic and Lymphoid System Diseases: Aplastic Anaemia. Myelophthitic Anaemia. Myelodysplastic Syndromes.
42. Haemopoetic and Lymphoid System Diseases: Thrombocytopenias. Disorders of Platelet Functions. Coagulation Disorders.
43. Haemopoetic and Lymphoid System Diseases: Leukaemias. Classification. Etiology and Pathogenesis. Acute Leukaemias. Morphology
44. Haemopoetic and Lymphoid System Diseases: Chronic Leukaemias. Plasma Cell Disorders. Morphology
45. Haemopoetic and Lymphoid System Diseases: Lymphadenitis. Etiology. Pathogenesis. Types. Morphology.
46. Haemopoetic and Lymphoid System Diseases: Malignant Lymphomas. Classification. Pathologic Changes. Clinical Features. Hodgkin's Disease.
47. Haemopoetic and Lymphoid System Diseases: Non-Hodgkin Lymphomas. Classification. Pathologic Changes. Clinical Features - Non-Hodgkin Lymphomas Versus Hodgkin Lymphomas.
48. Female Genital System Diseases: Vulva and Vagina. Condyloma Acuminatum. Carcinoma and Vulvar Intraepithelial Neoplasm (VIN). Carcinoma of Vagina. Embryonal Rhabdomyosarcoma.
49. Male Reproductive system and Prostate: Inflammatory Diseases and Tumors of the Testis. Classification and Histogenesis.
50. Male Reproductive system and Prostate: Prostate. Prostatitis. Nodular Hyperplasia. Prostatic Intraepithelial Neoplasm (PIN). Carcinoma of Prostate.
51. Male Reproductive system and Prostate: Penis. Condyloma Acuminatum. Premalignant Lesions Carcinoma in Situ. Malignant Tumours.
52. Female Genital System Diseases: Cervicitis. Cervical Polyps. Cervical Dysplasia (CIN) and Carcinoma in Situ. Cervical Screening. Invasive Cervical Cancer. Types.
53. Female Genital System Diseases: Endometritis. Adenomyosis. Endometriosis. Endometrial Polyps. Endometrial Stromal Tumors. Leiomyoma.
54. Female Genital System Diseases: Endometrial Hyperplasia and Adenocarcinoma. Types.

	FORM	Index: Fo 04.01.01-02
		Edition: P
	SYNOPSIS	Date: 03.09.2013 г.
		Page 3 of 3

55. Female Genital System Diseases: Ovaries. Non-neoplastic Cysts. Polycystic Ovary Disease. Ovarian Tumors. Clinical Features and Classification. Tumors of Surface Epithelium.
56. Female Genital System Diseases: Ovarian Tumors: Germ Cell Tumors. Sex Cord-stromal Tumors. Teratomas. Metastatic Tumors.
57. Breast Diseases: Fibrocystic Changes. Pathology. Proliferative Fibrocystic Change. Gynecomastia.
58. Breast Diseases: Inflammation and Benign Tumors. Fibroadenoma. Intraductal Papilloma. Other Benign Tumors. Phylloides Tumor.
59. Breast Diseases: Carcinoma of the Breast. Epidemiology. Pathology. Carcinoma in Situ: Intraductal and Lobular Carcinoma Prognostic Factors: Stage and Diagnosis. Histologic Grade.
60. Placenta. Infections (Chorioamnionitis. Vilitis). Gestational Trophoblastic Disease. Complete Hydatiform Mole. Partial Hydatiform Mole. Invasive Hydatiform Mole. Choriocarcinoma.
61. Respiratory Distress Syndrome of the Newborn (Hyaline Membrane Disease): Pathogenesis. Pathology. Clinical Features. Complications.
62. Erythroblastosis Fetalis and Neonatal Hemolytic Anemia: RH Incompatibility ABO Incompatibility.
63. Diseases of Pituitary Gland. Hyperpituitarism. Hypopituitarism. Tumors.
64. Diseases of Thyroid Gland. Hyperthyroidism. Hypothyroidism. Thyroiditis.
65. Benign and Malignant Tumors of Thyroid Gland.
66. Diseases of Adrenal Gland. Hyperadrenalism. Hypoadrenalism. Tumors
67. Endocrine Pancreas Disorders. Diabetes Mellitus. Islet Tumors.
68. Circulatory Disorders of CNS. Cerebral Hemorrhage. Ischemia and Infarction. Global Ischemia. Regional Ischemia and Cerebral Infarction. Regional Occlusive Cerebrovascular Disease.
69. Infections Disease of CNS. Meningitis. Bacterial and Viral Meningitis. Tuberculous Meningitis and Tuberculoma. Luetic Meningitis and Related Lesions: Tabes dorsalis. Acute Pyogenic Meningitis. Brain Abscess.
70. Viral Encephalomyelitis. Progressive Multifocal Leucoencephalopathy. Subacute sclerosing panencephalitis. Spongiform Encephalopathies (Prion Disease). Creutzfeldt - Jacob's Disease.
71. Demyelinating Diseases. Multiple Sclerosis. Postinfections and Postvaccinal Encephalomyelitis. Vitamin B-12 Deficiency. Alcohol-related conditions (Wernicke-Korsakoff Syndrome).
72. Degenerative Disease. Parkinson Disease. Huntington Disease. Amyotrophic Lateral Sclerosis. Spinocerebellar Degeneration. Alzheimer Disease. Pick Disease.
73. Malformations: Neural Tube Defects. Anencephaly and Spina Bifida and Whole Brain Abnormalities.
74. Infections and Parasitic Diseases. Basic Clinico-morphological Correlations.
75. Virus Infections. Herpes Virus Infection: HSV I and HSV II Infections. Chicken Pox (Varicella). Herpes Zoster. Cytomegalic Inclusion Disease.
76. Bacterial Infections with Animal Reservoirs or Insected Vectors. Viral haemorrhagic Fevers. Yellow Fever. Dengue. Haemorrhagic Fever. SARS.
77. Staphylococcal Infections. Streptococcal Infections
78. Clostridium Diseases. Tetanus. Botulism. Bacterial Food Poisoning.
79. Bacillary Dysentery. Amoebic Dysentery.
80. Bacterial Infections with Animal Reservoirs or Insected Vectors: Brucellosis. Plague. Tularemia. Anthrax. Listeriosis.
81. Tuberculosis. Etiology and Pathogenesis. Classification. Primary Tuberculosis.
82. Secondary Tuberculosis.
83. Spirochetal Infections: Leprosy. Syphilis. Stages. Forms.
84. Actinomycosis. Fungal Diseases: Candidiasis. Aspergilosis. Cryptococcosis.
85. Protozoal Diseases: Malaria, Leishmaniasis. Cysticercosis. Toxoplasmosis
86. Helminthic Diseases: Echinococcosis. Filariasis