List of theoretical questions for preparing students for the final module control, SPA.

Module 2 "Thoracic, cardiovascular, endocrine surgery"
for 5th year students of the faculty of training foreign students
for the 2020 - 2021 academic year

1. Surgical aspects of anterior mediastinal anatomy.
2. Clinic of anterior mediastinal tumors.
3. Treatment of acute mediastinitis.
4. Surgical accesses at operations on the organs of the mediastinum.
5. Tactics of treatment of patients with iatrogenic esophageal injuries.
10. Clinical forms of gangrene of the lungs.
11. Clinical symptoms of acute lung abscess in the stage "before drainage" and "after drainage".
12. Clinic of chronic abscess of the lungs.
15. Methods of sanitation of the tracheobronchial tree.
17. Tactics of treatment of complicated acute lung abscess.
22. Differential diagnosis of pleural empyema and pyopneumothorax.
23. Clinic and additional methods of examination of chronic empyema.
25. Classification of posttraumatic hemothorax.
26. Medical tactic at the closed trauma of thorax, complicated by hemothorax.
27. Signs of intrapleural bleeding. Indications for thoracotomy.
28. Therapeutic tactics for coagulated hemothorax.
29. Diagnosis and treatment of penetrating wounds of the heart.
30. Classification of posttraumatic pneumothorax.
32. Causes, clinic and treatment of mediastinal emphysema.
33. Treatment of posttraumatic pneumothorax. Types of aspiration systems.
34. Treatment of open pneumothorax.
35. Therapeutic tactics for strained (valvular) pneumothorax.
36. Types of Novocain blockade in closed chest trauma.
37. Methods of fixing the chest wall with a flotation fracture of the ribs.
38. Early complications of closed chest trauma.
39. Late complications of closed chest injury.
42. Complications of mitral stenosis.
43. Auxiliary methods of examination for mitral stenosis.
44. Surgical treatment of mitral stenosis.
47. Types and indications for temporary and permanent electrocardiostimulation.
49. Anatomical and physiological narrowing of the esophagus.
50. Achalasia of the esophagus. Clinic, diagnostics.
51. Conservative and operative treatment of esophageal achalasia.
52. Classification of esophageal diverticula.
54. Surgical approaches for esophageal diverticula.
55. Clinical stages of esophageal burn. Emergency treatment of a burn of the esophagus
56. Conservative treatment of esophageal burn.
57. Surgical accesses during operations on the esophagus.
58. Types of plastic surgery for scar strictures of the esophagus.
59. Causes of embolism and acute thrombosis of the main arteries.
60. Clinical characteristics of embolism and acute thrombosis of the main arteries.
61. Differential diagnosis of embolism and acute thrombosis of the main arteries.
62. Surgical tactics and methods of operative treatment of embolism and thrombosis of the main arteries.
63. Features of postoperative management after surgery for embolism and acute thrombosis of the main arteries.
64. Anticoagulants, fibrinolytic thrombolytic drugs.
65. Methods of control of the blood clotting system, their characteristics.
66. Classification of acute limb ischemia.
67. Clinical stages of the course and diagnosis of acute limb ischemia.
68. Emergency care and treatment of acute extremity ischemia.
69. Etiology and pathogenesis of pulmonary embolism.
70. Risk factors for development of pulmonary embolism in surgical patients.
71. Clinical picture and classification of pulmonary embolism.
72. Instrumental methods for diagnosing pulmonary embolism.
73. Conservative treatment of pulmonary embolism.
74. Indications and methods of surgical treatment of pulmonary embolism.
75. Methods of prevention of pulmonary embolism.
76. Etiology and pathogenesis of abdominal ischemic syndrome.
77. Clinical variants of the course of abdominal ischemic syndrome.
78. Methods of diagnostics of abdominal ischemic syndrome.
79. The methodology of the selective celiac and mesenteriography.
80. Differential diagnosis of abdominal ischemic syndrome with other surgical diseases.
81. Complications of abdominal ischemic syndrome, causes, clinical picture, diagnosis.
82. Methods of conservative treatment of abdominal ischemic syndrome.
83. Indications and methods of surgical treatment of abdominal ischemic syndrome.
84. Etiology, pathogenesis of obliterating atherosclerosis and endarteritis of the lower extremities.
85. Methods of examination of the arterial system.
86. Classification of chronic ischemia.
87. Complications of obliterating atherosclerosis of the lower limb arteries.
89. Surgical treatment of obliterating atherosclerosis of the lower limb arteries.
90. Surgical treatment of obliterating endarteritis of the lower extremities.
91. Conservative treatment of obliterating diseases of the lower limb arteries.
92. Rehabilitation of patients after operations on the aorta and main arteries.
93. Methods of aortoarteriography, complications of aortography and methods of their prevention.
94. Etiology of varicose veins.
96. Clinical characteristics of lower limb varicose disease.
97. Clinical characteristics of chronic venous insufficiency.
98. Functional tests for determining the condition of the lower limb vein valves.
99. Methods and indications for phlebography.
100. Conservative treatment of varicose veins of the lower extremities.
101. Treatment of trophic ulcers caused by chronic venous insufficiency.
102. Surgical treatment of varicose veins of the lower extremities.
103. Causes of recurrent varicose veins of the lower extremities after saphenectomy.
104. Treatment of recurrent varicose veins of the lower extremities after saphenectomy.
105. Prevention of varicose veins of the lower extremities.
106. Etiology of thrombophlebitis of subcutaneous veins of the lower extremities.
108. Pathogenesis and clinic of subcutaneous vein thrombophlebitis.
110. Differential diagnosis of thrombophlebitis of subcutaneous veins of the lower extremities and erysipelas.
111. Differential diagnosis of thrombophlebitis of subcutaneous veins of the lower extremities and lymphangitis.
112. Conservative treatment of thrombophlebitis of subcutaneous veins of the lower extremities.
113. Operative treatment of acute thrombophlebitis of the subcutaneous veins of the lower extremities.
114. Etiological and pathogenic factors of deep vein thrombosis of the lower extremities.
115. Clinical manifestations of deep vein thrombosis of the lower extremities.
117. Clinical characteristics of white phlegmasia.
118. Clinical characteristics of blue phlegmasia.
119. The clinic of thrombosis of inferior Vena cava.
120. Acute hepatic vein Thrombosis-Budd-Hiari syndrome.
121. Etiology, clinical characteristics and treatment of Paget-Schroeter syndrome.
122. Differential diagnosis of deep vein thrombosis of the lower extremities and lymphostasis.
123. Differential diagnosis of white phlegmasia and femoral artery embolism.
125. Surgical treatment of ileofemoral thrombosis.
126. Prevention of deep vein thrombosis of the lower extremities.
127. Etiology and pathogenesis of post-thrombophlebitis syndrome.
128. Clinical characteristics of forms of post-thrombophlebitis syndrome.
129. Differential diagnosis of post-thrombophlebitis syndrome and lymphostasis.
130. Conservative treatment of post-thrombophlebitis syndrome.
131. Surgical treatment of post-thrombophlebitis syndrome.
132. The etiology and pathogenesis of lymphedema.
133. Clinical characteristics of the stages of lymphedema.
134. Methods of examination of the lymphatic system.
137. Surgical treatment of lymphostasis.
138. Surgical anatomy of the thyroid gland.
139. Classification of thyroid diseases.
140. Clinic for diseases of the thyroid gland.
141. Methods of examination for thyroid pathology.
142. Conservative treatment of thyroid diseases.
143. Operative treatment of thyroid diseases.
144. Complications of thyroid diseases.
145. Clinical and morphological classification of breast diseases.
146. Objective examination for diseases of the mammary glands.
147. Special methods of examination for diseases of the mammary glands.
149. Surgical treatment of breast diseases.

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