

# Exam questions

## for the 5-th year students module 2 «Thoracic surgery and polytrauma»

1. Haemothorax: aetiology, pathogenesis, classification, clinical manifestations.
2. Haemothorax: laboratory diagnostics and investigations for diagnostics.
3. Haemothorax: first aid and policy of treatment.
4. Hemothorax: aetiology, pathogenesis, classification, clinical manifestations.
5. Pneumothorax: aetiology, pathogenesis, classification, clinical manifestations.
6. Pneumothorax: laboratory diagnostics and investigations for diagnostics.
7. Pneumothorax: first aid and policy of treatment according to mechanism.
8. Rib and sternum fractures: aetiology, pathogenesis, classification, clinical manifestations, laboratory diagnostics and investigations for diagnostics.
9. Rib and sternum fractures: first aid and policy of treatment.
10. Emphysema of mediastinum: aetiology, pathogenesis, classification, clinical manifestations, laboratory diagnostics and investigations for diagnostics, first aid and policy of treatment.
11. Subcutaneous emphysema: aetiology, pathogenesis, classification, clinical manifestations, laboratory diagnostics and investigations for diagnostics, first aid and policy of treatment.
12. Acute lung abscess: aetiology, pathogenesis, classification, clinical manifestations.
13. Acute lung abscess: laboratory diagnostics and investigations for diagnostics, policy of treatment.
14. Chronic lung abscess: aetiology, pathogenesis, classification, clinical manifestations.
15. Chronic lung abscess: laboratory diagnostics and investigations for diagnostics, policy of treatment.
16. Lung gangrene: aetiology, pathogenesis, classification, clinical manifestations.
17. Lung gangrene: laboratory diagnostics and investigations for diagnostics, policy of treatment.
18. Bronchiectasis: aetiology, pathogenesis, classification, clinical manifestations.
19. Bronchiectasis: laboratory diagnostics and investigations for diagnostics, policy of treatment.
20. Acute empyema of pleura: aetiology, pathogenesis, classification, clinical manifestations.
21. Acute empyema of pleura: laboratory diagnostics and investigations for diagnostics, policy of treatment.
22. Chronic empyema of pleura: aetiology, pathogenesis, classification, clinical manifestations.
23. Chronic empyema of pleura: laboratory diagnostics and investigations for diagnostics, policy of treatment.
24. Piopneumothorax: aetiology, pathogenesis, classification, clinical manifestations.
25. Piopneumothorax: laboratory diagnostics and investigations for diagnostics, first aid and policy of treatment.
26. Lung bleeding: aetiology, pathogenesis, classification, clinical manifestations, laboratory diagnostics and investigations for diagnostics, first aid and policy of treatment.

27. Mitral valvular stenosis: aetiology, pathogenesis, classification, clinical manifestations.
28. Mitral valvular stenosis: laboratory diagnostics and investigations for diagnostics, policy of treatment.
29. Open arterial duct: aetiology, pathogenesis, classification, clinical manifestations.
30. Open arterial duct: laboratory diagnostics and investigations for diagnostics, policy of treatment.
31. Ischaemic heart disease: aetiology, pathogenesis, classification, clinical manifestations, diagnostics and surgical treatment.
32. Achalasia of oesophagus: aetiology, pathogenesis, classification, clinical manifestations.
33. Achalasia of oesophagus: laboratory diagnostics and investigations for diagnostics, treatment.
34. Chlasia of cardia: aetiology, pathogenesis, classification, clinical manifestations, diagnostics, differential diagnostics, and treatment.
35. Oesophageal burn stricture: aetiology, pathogenesis, classification, clinical manifestations, laboratory diagnostics and investigations for diagnostics, first aid and policy of treatment.
36. Hernia of the diaphragm oesophageal aperture: aetiology, pathogenesis, classification, clinical manifestations.
37. Hernia of the diaphragm oesophageal aperture: investigations for diagnostics, surgical treatment.
38. Oesophageal diverticulums: aetiology, pathogenesis, progress mechanisms, classification, clinical manifestations, diagnostics, differential diagnostics, and treatment.
39. Diaphragmatic hernias: aetiology, pathogenesis, progress mechanisms, classification, clinical manifestations, diagnostics, differential diagnostics, and treatment.
40. Phrenic relaxation: aetiology, pathogenesis, progress mechanisms, classification, clinical manifestations, diagnostics, differential diagnostics, and treatment.
41. Anterior mediastinitis: aetiology, pathogenesis, classification, clinical manifestations, laboratory diagnostics and investigations for diagnostics, and treatment.
42. Posterior mediastinitis: aetiology, pathogenesis, classification, clinical manifestations, laboratory diagnostics and investigations for diagnostics, and treatment.
43. Open heart injuries: aetiology, pathogenesis, classification, clinical manifestations, laboratory diagnostics and investigations for diagnostics.
44. Open heart injuries: first aid, methods of pericardial puncture, surgical treatment.
45. Mammary and chest gland malformations: aetiology, pathogenesis, progress mechanisms, classification, clinical manifestations, diagnostics, differential diagnostics, and treatment.
46. Mastitis: aetiology, classification, clinical manifestations, diagnostics, differential diagnostics, and treatment.
47. Dishormonal mammary and chest gland diseases: aetiology, classification, clinical manifestations, diagnostics, differential diagnostics, and treatment.
48. Benign tumors of mammary and chest gland: aetiology, classification, clinical manifestations, diagnostics, differential diagnostics, and treatment.
49. Malignant tumors of mammary and chest gland: aetiology, classification, clinical manifestations.

50. Malignant tumors of mammary and chest gland: diagnostics, differential diagnostics, and treatment.
51. Open and close spleen injuries: mechanisms of affection, classification, clinical manifestations, diagnostics, differential diagnostics, and policy of treatment.
52. Open and close liver injuries: mechanisms of affection, classification, clinical manifestations, diagnostics, differential diagnostics, and policy of treatment.
53. Open and close pancreatic gland injuries: mechanisms of affection, classification, clinical manifestations, diagnostics, differential diagnostics, and policy of treatment.
54. Open and close stomach and intraabdominal duodenum part injuries: mechanisms of affection, classification, clinical manifestations, diagnostics, differential diagnostics, and policy of treatment.
55. Open and close retroperitoneal duodenum part injuries: mechanisms of affection, classification, clinical manifestations, diagnostics, differential diagnostics, and policy of treatment.
56. Open and close small and large bowel injuries: mechanisms of affection, classification, clinical manifestations, diagnostics, differential diagnostics, and policy of treatment.
57. Open and close rectum injuries: mechanisms of affection, classification, clinical manifestations, diagnostics, differential diagnostics, and policy of treatment.
58. Polytrauma: mechanisms, pathogenesis, classification, objective tests of trauma degree valuation.
59. Polytrauma: particularities of clinical manifestations according to combinations of injuries, diagnostic program, first aid and policy of treatment.
60. Hypovolemic shock: aetiology, pathogenesis, clinical manifestations, first aid and policy of treatment.
61. Acute respiratory distress – syndrome in adults: aetiology, pathogenesis, clinical manifestations, first aid.
62. Multiple organ dysfunction syndrome (MODS): aetiology, pathogenesis, clinical manifestations.
63. Gunshot trauma: pathogenesis, wound disease, phases, clinical manifestations.
64. Gunshot trauma: wounds classification, structure of gunshot wound, primary surgical treatment of gunshot wounds, stitching methods, treatment.
65. Gunshot trauma of chest: clinical manifestations, diagnostics, first aid and policy of treatment.
66. Gunshot trauma of abdomen: clinical manifestations, diagnostics, first aid and policy of treatment.
67. Gunshot trauma of pelvis and limbs: clinical manifestations, diagnostics, first aid and policy of treatment.
68. Mine - explorer trauma of chest: mechanisms of affection, characteristic of wounds, clinical manifestations, algorithm of medical care, leading principles of treatment.
69. Mine - explorer trauma of abdomen: mechanisms of affection, characteristic of wounds, clinical manifestations, algorithm of medical care, leading principles of treatment.
70. Mine - explorer trauma of pelvis and limbs: mechanisms of affection, characteristic of wounds, clinical manifestations, algorithm of medical care, leading principles of treatment.