

Examination problems (general surgery)
 For III years students of medical department 222 "MEDICAL BUSINESS"
 On 2021-2022 education years

to Module 2
Surgical infection. Necrosis. Bases of transplantology and clinical oncology.
Methods of examination of surgical patients

1. Hospital infection contamination. Acute putrid infection contamination.
2. Purulent infection contamination. Classification. Clinic, diagnostics, treatment.
3. Furuncle, furunculosis. Etiology, pathogenesis, clinic, treatment.
4. Furuncles and carbuncle of feces. Complications, peculiarities of tactics and treatment.
5. Abscessis. Etiology, clinic, treatment.
6. Carbuncles. Etiology, pathogenesis, diagnostics, treatment.
7. Erysipelas. Clinic, diagnostics, treatment.
8. Hydradenitis, pathogenesis, clinic, diagnostic, treatment.
9. Phlebitises, thrombophlebitis of surface veins. Clinic, diagnostic, treatment, complication.
10. Lymphangitis, lymphadenitis. Etiology, diagnostic, treatment.
11. Parotitis. The causes, clinic, prophylaxis, treatment.
12. Purulent mastitis. Classification, clinic, diagnostic, treatment, prophylaxis.
13. Phlegmon. Classification, clinic, diagnostics, treatment
14. Thrombophlebitis. Classification, clinic, diagnostic, treatment.
15. Panaritium. Classification, clinic, diagnostic, treatment
16. Clinic, diagnostics, treatment of tendinous and osteal panaritium. Pandactylitis.
17. Sepsis. Etiology, pathogenesis, classification.
18. Septic shock. Pathogenesis, clinic, principles of treatment.
19. Anaerobic gangrene: gas gangrene. Clinic, diagnostics, treatment
20. Osteomyelitis. Etiology, pathogenesis, clinic, diagnostic, treatment.
21. Chronic osteomyelitis. Clinic, diagnostics, treatment. Tuberculosis, actinomycosis, lues. Classification, clinic, treatment.
22. Tetanus. Clinic, diagnostics, treatment, prophylaxis.
23. Prophylaxis of tetanus. Aspects of prophylaxis
24. Trophic ulcers, fistulas. Etiology, diagnostic, clinic. Classification. Principles of treatment.
25. Precancerous diseases, stage of malignant tumours of international system and clinical bunches.
26. General oncology. Classification tumor
27. Surgical parasitogenic diseases (echinococcosis, alveococcosis). Clinic, diagnostic, treatment.
28. Anomalies of development.
29. Problem of plastic surgery.
30. Anaerobic infection. Classification, diagnostic, treatment.
31. Tumours. Classification, clinical groups.
32. Method of inspection of surgical patients: stomach.
33. Method of examination of surgical patients: head.
34. Necrosis. classification, treatment.
35. Diphtheria of wounds. Etiology, pathogenesis, clinic, treatment.
36. Ulcers. Etiology, pathogenesis, clinic, treatment.
37. Chronic tuberculosis. Complications, peculiarities of tactics and treatment
38. Mastitis. Etiology, pathogenesis, classification, clinic, diagnostic, treatment.
39. Fistula. Definition. Etiology, pathogenesis, classification, clinic, diagnostic, surgical treatment different kind of fistulas.
40. Antrax. Definition. Classification, diagnostics, treatment.
41. Tetanus. Definition. Clinic, diagnostics, treatment.
42. Classification of surgical infection .

43. Gangrena Clinic, diagnostic, complication, medical tactics.
44. Bining tumors. The causes of formation. Clinic, diagnostics, treatment.
45. Surgical infection. Determination, classification.
46. A clinic of acute surgical infection is local signs of inflammation, accumulation of pus. Local complications of purulent processes.
47. General reaction of organism at a purulent infection, changes in laboratory indexes
48. Basic principles of treatment of local purulent infection
49. Basic principles of antibacterial therapy at a acute purulent infection.
50. Chronic purulent infection. Determination, classification
51. Differential diagnostics of abscess, phlegmons and to the carbuncle
52. Differential diagnostics of abscess, phlegmon and hydradinitis
53. Differential diagnostics of abscess, hydradinitis and carbuncle
54. Differential diagnostics of abscess, phlegmon and hydradinitis
55. Phlegmons of wrist. Classification. Clinic of phlegmons of rear of wrist, diagnostic, treatment
56. Phlegmons of wrist. Clinic of phlegmons of palm's surface of wrist, diagnostician, treatment
57. Purulent lactational mastitis. Causes, clinic, diagnostics, treatment.
58. Panaritium. Etiology, pathogeny, classification.
59. Panaritium. Clinic, diagnostics, treatment.
60. Panaritium. Clinic, differential diagnostics, treatments of hypodermic and subnail Panaritium
61. Panaritium. Clinic, differential diagnostics, treatment tendon to the Panaritium. Panaritium. Clinic, differential diagnostics, treatments of bone Panaritium.
62. Panaritium. Clinic, differential diagnostics, treatment of pandactilitis
63. Panaritium. Clinic, differential diagnostics, treatments of arthral Panaritium.
64. Panaritium. Clinic, differential diagnostics, treatment of periungual and subnail Panaritium.
65. Basic principles of treatment and diagnostics to the Panaritium. Complication to the Panaritium
66. Basic check spaces of wrist. Phlegmons of wrist. Etiology, classification.
67. Phlegmons of rear of wrist. Clinic, diagnostics, treatment.
68. Phlegmons of palm's surface of wrist. Clinic, diagnostics, treatment.
69. Acute purulent arthritis. Clinic, diagnostics, treatment
70. Acute purulent bursitis. Clinic, diagnostics, treatment
71. Sepsis, classification, etiology
72. Algorithm of diagnostics of sepsis.
73. Sepsis, clinic of septic shock, diagnostician, markers of sepsis.
74. Sepsis, septicemia, septicopyemia, diagnostics.
75. Sepsis, basic principles of treatment
76. Endogenous intoxication at a surgical infection. Features of flow of acute purulent diseases for patients AIDS and drug addiction
77. Tetanus. Etiology, classification, clinic, diagnostics, treatment.
78. Specific prophylaxis of Tetanus.
79. Active prophylaxis of Tetanus
80. Passive prophylaxis of Tetanus
81. Heterospecific prophylaxis of Tetanus
82. Planed prophylaxis of Tetanus.
83. Urgent prophylaxis of Tetanus. Testimony.
84. Gas gangrene. Etiology, pathogenesis, clinic, diagnostics, treatment.
85. Basic principles of prophylaxis and treatment of anaerobic infection.
86. Putrid infection. . Etiology, pathogenesis, clinic, diagnostics, treatment.
87. Osteoarticular tuberculosis. Pathoanatomy, forms are a clinic, treatment.
88. Features of damage of bones at osteomyelitis and tuberculosis.
89. A syphilis is in a surgical plan. Diagnostics. Features of treatment of wounds
90. Actinomycosis. Etiology, pathogenesis, clinic, diagnostics, treatment.
91. Causes and types of numbness of fabrics.
92. Dry and moist gangrene. Clinic, diagnostics, treatment.

93. Treatment of dry and moist necrosis.
94. Trophic ulcers. Causes, features of clinical motion. Clinic, diagnostics.
95. Trophic ulcers. Basic principles of treatment
96. Fistulas. Etiology, classification, diagnostics, treatment.
97. Bedsores. Mechanism of origin. Treatment, prophylaxis.
98. Obliterant endarteritis. Clinic, diagnostics, treatment.
99. Acute violations of arterial vessel passability. Classification of the stages of acute ischemia. Diagnostics, treatment.
100. Chronic violations of arterial vessel passability . Classification of degree of chronic ischemia.
101. Conservative treatment of chronic violations of arterial vessel passability. Principles at value of anticoagulants.
102. Surgical methods of treatment of chronic violations of arterial passableness.
103. Obliterant atherosclerosis. Clinic, diagnostics, treatment
104. Differential diagnostics of obliterant endarteritis and atherosclerosis
105. Differences of necroses at violation of arterial blood supply and venous outflow.
106. Acute violations of venous outflow. Thrombophlebitis, phlebemphraxis. Causes, diagnostics, treatment.
107. Chronic violations of venous outflow. Clinic, diagnostics, treatment
108. Violation of microcirculation. Classification.
109. Violation of microcirculation. Classification. Diabetic angiopathy
110. Basic rules of surgical deontology in oncology. Organization of help to the oncologic patients, estimation of efficiency of treatment.
111. Tumours. Etiology, pathogenesis. Classification on TIMP.
112. Premalignant disease of skin and mammary gland. Diagnostics
113. Premalignant disease of gastrointestinal tract
114. Premalignant disease of thyroid gland, genital organs
115. Of high quality tumours. Classification. Basic principles of treatment. Testimonies to surgical treatment.
116. Differential diagnostics of high quality and malignant tumours.
117. Features of inspection of patients with a tumour disease.
118. General principles of surgical treatment of malignant tumours.
119. Bases of radical therapy of malignant tumours. Complication
120. Bases of chemotherapy of malignant tumours
121. Algorithm of research of patient with suspicion on a tumour with the purpose of raising or exception of disease
122. AIDS. Etiology, treatment. Diagnostics. Methods of defence of medical personnel from AIDS.
123. Methods of defence of medical personnel from AIDS. Express of diagnostician.

PRACTICAL SKILLS TO MODULE 2

1. To define a blood type standard serums
2. To define a blood type standard red corpuscles
3. To define a blood type by a cross method.
4. To define a blood of ceracclone type
5. To define individual compatibility of blood of donor and recipient by system of ABO
6. To define individual compatibility of blood of donor and recipient on a rhesus factor
7. Macroscopic estimation of fitness of donor blood to transfusion.
8. To stop with the arterial bleeding digit pressure.
9. To stop the arterial bleeding from a forearm by means of plait.
10. To stop the arterial bleeding from a forearm and shoulder by means of rollup.
11. To pick up instruments for the operation of bandaging of vessels on a draught.
12. Realization of the closed massage of heart of artificial respiration of "companies in a

- mouth", "mouth in a nose" on a phantom.
13. Realization transport immobilization of overhead extremity.
 14. Realization of a transport immobilization of lower limb
 15. Technique of implementation inwardly of skin test on the sensitiveness of patient to the antibiotic.
 16. Technique of implementation of Pirke test on the sensitiveness of patient to the antibiotic
 17. Technique of implementation of hypodermics
 18. Technique of implementation of intramuscular injections
 19. Technique of implementation of intravenous injections.
 20. Technique of realization of intravenous infusion.
 21. Technique of raising of intravenous cateter.
 22. Supervision after vasofix and subclavicularis catheter.
 23. Technique of implementation of cleansing enema.
 24. Technique of implementation of curative enema.
 25. Technique of implementation of siphon enema.
 26. Technique of washing of stomach.
 27. Cateterisation of urinary bladder for women.
 28. Cateterisation of urinary bladder for men.
 29. Tests on determination of quality of gipseous powder
 30. Technique of imposition of gipseous splint.
 31. Technique of implementation of intercostal blockade.
 32. Technique of implementation of conductive anaesthesia for Oberst-Lucashevich.
 33. Technique of implementation of puncture of pleural cavity.
 34. Technique of implementation of spinal blockade.
 35. Technique of implementation of blockade of seminal rope after Epshtein-Lorin.
 36. Technique of implementation of anaesthesia of the humeral interlacing after Kulenkampf.
 37. Implementation of bandaging of wound is in a 1 phase of wound process
 38. Implementation of bandaging of wound is in 2 phases of wound process
 39. Palpation of peripheral arterial vessels(points).
 40. Diagnostics of osteomyelitis on sciagrams.
 41. Realization of objective inspection of head and neck.
 42. Realization of objective inspection of organs of thorax.
 43. Realization of objective inspection of organs of abdominal region.
 44. Realization of objective inspection of locomotorium, determination of absolute and relative length of extremities.
 45. Method of treatment of hands of surgeon of cterilium
 46. Method of treatment of hands of surgeon of pervomur
 47. Method of treatment of the operating field of cterilium
 48. Method of treatment of the operating field of pervomur
 49. Inspections of patient are in the irresponsible state
 50. Care of patients in the period of exit from anesthesia