

QUESTIONS ON TOPOGRAPHIC
ANATOMY AND PRACTICAL
SKILLS FINAL LESSON
FOR STUDENTS OF GENERAL
MEDICINE AND PEDIATRIC
FACULTIES

Practical skills in operative surgery:

1. Knitting knots: simple, marine, surgical.
2. Applying an interrupted suture to the skin wound.
3. Preparing the needle holder for work and handing it over to the operator.
4. Applying simple twist and furrier sutures to the skin wound.
5. Puncture of the hip joint.
6. Puncture of the knee joint.
7. Puncture of the ankle joint.
8. Puncture of the shoulder joint.
9. Access to the neurovascular bundle of the axillary fossa.
10. Puncture of the elbow joint.
11. Puncture of the wrist joint.
12. Treatment of nerves and blood vessels according to N.N. Burdenko for amputations.
13. Calculation of the diameters of skin flaps for 3-moment two-flap amputation of the lower limb at the level of the middle third of the thigh according to N.I. Pirogov.
14. Application of a hemostatic Gendehain-Hacker suture.
15. Performing an antrotomy.
16. Performing upper and lower tracheostomy and conicotomy.
17. Performing pleural puncture.
18. Performing a puncture of the anteroinferior sinus of the pericardium.

19. Performing access to the inguinal canal, its opening and plasty.
20. Applying a seromuscular suture to the wound of the intestine and stomach.
21. Performing gastrostomy.
22. Applying a hemostatic suture to a liver wound.
23. Performing evisceration of the gallbladder bed.
24. Intestinal suture.
25. Suturing a colon wound; end-to-end and side-to-side application of enteroenteroanastomosis.
26. Performing a perinephric block according to A.V. Vishnevsky.
27. Performing access to the kidney according to S.P. Fedorov.
28. Performing an intrapelvic blockade according to Shkolnikov-Selivanov.
29. Performing G.I. access Pfannenstiel.
30. Instruments for separating tissues.
31. Instruments for tissue fixation.
32. Hemostatic clamps.
33. Instruments for suturing.
34. Auxiliary instruments.
35. Special instruments

Topographic anatomy questions:

Lower limb

1. Show the soleus muscle.
2. Show the inner femoral ring.
3. Show the tibialis anterior muscle.
4. Show the posterior tibial artery in the middle third of the leg.
5. Show the muscle lacuna.
6. Show the posterior tibial artery in the ankle tunnel.
7. Show the tibial nerve in the popliteal fossa.

8. Show the Scarpovsky (femoral) triangle.
9. Show the popliteal artery.
10. Show the common peroneal nerve.
11. Show the anterior tibial artery in the middle third of the leg.
12. Show the adductor (Gunterov) canal.
13. Show the sciatic nerve.
14. Show the femoral artery in Scarp's triangle.
15. Show the femoral vein.
16. Show the supragiriform canal.
17. Show and name the anterior inversions of the knee joint.
18. Show the gluteus maximus muscle.
19. Show the femoral artery in the femoropopliteal canal.
20. Show the quadriceps femoris muscle.
21. Show the vascular lacuna.

Upper limb

22. Show the brachial plexus.
23. Show the median nerve in the middle third of the forearm.
24. Show the radial nerve in the middle third of the forearm.
25. Show the ulnar nerve in the middle third of the forearm.
26. Show the commissural openings on the palm.
27. Show the axillary nerve.
28. Show the axillary artery.
29. Show the musculocutaneous nerve on the shoulder.
30. Show the median nerve in the cubital fossa.
31. Show the ulnar nerve in the area of the elbow joint.

32. Show the radial nerve in the ulnar fossa.
33. Show the left subclavian artery.
34. Show the Pirogov-Paron space.
35. Show carpal tunnel.
36. Show the radial nerve in the axillary fossa.
37. Show the median nerve on the hand.
38. Show the subclavian artery.
39. Show the subclavian vein.
40. Show the brachial artery in the cubital fossa.

Head

41. Show and name the boundaries of the posterior cranial fossa.
42. Show and name the boundaries of the middle cranial fossa.
43. Show and name the boundaries of the anterior cranial fossa.
44. Show the superficial temporal artery.
45. Show the parotid salivary gland.
46. Show and name the cellular spaces of the fronto-parietal occipital region.
47. Show and name the openings of the anterior cranial fossa.

Neck

48. Show the venous angle N.I. Pirogov on the neck.
49. Show the thyroid gland.
50. Show the anterior scalene muscle.
51. Show the external jugular vein.
52. Show the common carotid artery.
53. Show the external carotid artery.
54. Show the internal carotid artery.
55. Show the digastric muscle of the neck.
56. Show the vagus nerve in the neck.

57. Show the left recurrent nerve.
58. Show the interscalene space.
59. Show the phrenic nerve in the neck.
60. Show the sympathetic trunk on the neck.
61. Show the sternocleidomastoid muscle.

Thoracic cavity

62. Show the brachiocephalic veins.
 63. Show the right coronary artery.
 64. Show the sympathetic trunk in the mediastinum.
 65. Show the oblique sinus of the pericardium.
 66. Show the brachiocephalic trunk.
 67. Show the left phrenic nerve in the mediastinum.
 68. Show the phrenic nerve in the mediastinum.
 69. Show the inferior vena cava in the mediastinum.
 70. Show the pleural (costophrenic) sinus.
 71. Show the pectoralis major muscle.
 72. Show the pulmonary trunk.
 73. Show the superior vena cava.
 74. Show the aortic arch.
 75. Show the elements of the lung root.
 76. Show the pectoralis minor muscle.
 77. Show the ears of the heart.
- Anterior abdominal wall
78. Show and name the walls of the inguinal canal.
 79. Show the inguinal space.
 80. Show the internal oblique muscle of the anterior abdominal wall.
 81. Show the external inguinal ring.
 82. Show the spermatic cord.
 83. Show the rectus muscle of the anterior abdominal wall.

84. Show the aponeurosis of the external oblique muscle of the anterior abdominal wall.
85. Show the transverse muscle of the anterior abdominal wall.

Abdomen

86. Show the greater oil seal.
87. Show mesenteric sinuses.
88. Show the common iliac artery.
89. Show the stomach and its parts.
90. Show stuffing box hole.
91. Show the gallbladder.
92. Show the gastrocolic ligament.
93. Show the descending colon.
94. Show the superior mesenteric artery.
95. Show the spleen.
96. Show the falciform ligament of the liver.
97. Show the omental bursa.
98. Show the inferior mesenteric artery.
99. Show the lateral channels of the abdominal cavity.
100. Show the sigmoid colon.
101. Show the common bile duct.
102. Show hepatic duodenal ligament.
103. Show the appendix.
104. Show the internal iliac artery.
105. Show the hepatic bursa.
106. Show the common hepatic artery.
107. Show the round ligament of the liver.
108. Show the portal vein.
109. Show the mesentery of the transverse colon.
110. Show the ileocecal angle.
111. Show the duodenum.
112. Show the transverse colon.
113. Show the ascending colon.

- 114. Show the porta hepatis;
- 115. Show the common and proper hepatic arteries.
- 116. Show the cystic duct.

Retroperitoneal space

- 117. Show the renal artery.
- 118. Show the celiac trunk.
- 119. Show the renal hilum, elements of the renal pedicle
- 120. Show the inferior vena cava in the retroperitoneum.
- 121. Show the renal vein.
- 122. Show the kidney.
- 123. Show the abdominal aorta.
- 124. Show the renal pedicle.

Small pelvis

- 125. Show the prostate gland.
- 126. Show the ureter in the pelvis.
- 127. Show Douglas Recess.
- 128. Show the bladder.
- 129. Show the rectum.
- 130. Show the visceral prevesical cellular space.