EXAMINATION QUESTION ON OPERATIVE SURGERY AND TOPOGRAPHIC ANATOMY FOR FOREIGN STUDENTS

Common questions
1. Subject and aims of topographic anatomy and operative surgery. Topographo-anatomical region, external landmark, projection.
2. Surgical instruments, classification, rules of use.
6. Concept about transplantation of organs and tissues.

Topographic anatomy and operative surgery of limbs
1. Projections of vessels and nerves of the upper limb.
2. Topographic anatomy of upper limb (infraclavicular, axillary, scapular, deltoid regions; regions of arm, cubital fossa, forearm, hand; shoulder, elbow and wrist joints; fat spaces, ways of pus distribution).
3. Projections of vessels and nerves of the lower limb.
4. Topographic anatomy of lower limb (gluteal region; regions of thigh, popliteal fossa, leg, foot; hip, knee, ankle, talocalcaneonavicular, tarsometatarsal joints; canals, fat spaces, ways of pus distribution).
7. Classification of osteotomy. Indications.
9. Concept about operations on joints: arthrotomy, arthrorisis, arthrodesis, arthroplasty, joint resection, joint plasty (classification, indications).
10. Indications and technique of joint puncture. Complications.
17. Indications and technique of ligation of vessels in wound and in course. Concept of collateral and reduced circulation.
19. Classification of sutures of vessels. Requirements to sutures of vessels.
20. Operations at occlusions and aneurysms of vessels. Concept about plastic and by-pass operations on vessels.

Topographic anatomy and operative surgery of head and neck
1. Topographic anatomy of brain department of the head (fronto-parieto-occipital, temporal, mastoid regions).
2. Topographic anatomy of face department of the head (deep and parotidomasseteric regions).
3. Topography and projections of vessels and nerves of the head. Topographic anatomy of venous system of the head. Anastomoses between superficial and intracranial veins of the head, practical significance.
4. Surgical d-bridement of wounds (penetrating and not penetrating) of the head. Ways of arrest of bleeding from vessels of soft tissues, diploic veins, venous sinuses.
5. Operation at injure of medial meningeal artery.
6. Anthrotomy: indications, technique, complications.
7. Surgical treatment of purulent parotiditis.
8. Osteoplastic and decompressive trepanation of the skull. Indications, technique.
17. Technique of drain of the retropharyngeal abscess. Incisions at phlegmons of the neck.
18. Indications and technique of vagosympathetic block by Vishnevsky.

**Topographic anatomy and operative surgery of the chest**
3. Topographic anatomy of organs of mediastinum.
6. Approaches to organs of the thoracic cavity.

**Topographic anatomy and operative surgery of abdominal cavity**
1. Topographic anatomy of front abdominal wall and its week places (white line, umbilical ring, inguinal and femoral canal).
3. Surgical anatomy of strangulated and sliding hernias.
5. Ways of plastics of the anterior wall (by Martynov, Girard, Spasocucotsky, suture of Kimbarovski) and posterior wall (by Bassiny, Postempsky) of the inguinal canal. Characteristics.
7. Ways of plastics of hernial gates at umbilical hernias and hernias of white line (Mayo, Sapezhko, Lexer).
8. Anatomico-surgical evaluation of operative approaches to organs of the abdominal cavity.
10. Topographic anatomy of organs of the abdominal cavity (stomach, duodenum, liver, spleen, pancreas, small and large intestine).
11. Revision of organs at closed and penetrating wounds of the abdominal cavity.
13. Resection of small intestine and different parts of large intestine. Indications, technique and features of resection. Concept about hemicolecctomy.
16. Stomach resection (Bilroth 1, Bilroth 2, Bilroth 2 by Hofmeister-Finsterer modification). Indications, stages, characteristics.
17. Indications and technique of suturing of perforated ulcers of stomach and duodenum.
18. Vagotomy and draining operations on stomach. Indications, kinds, characteristics.
21. Ways of bleeding arrest from parenchymal organs.

**Topographic anatomy and operative surgery of retroperitoneal space and pelvis**

1. Topographic anatomy of lumbar region and retroperitoneal space, kidneys, ureters, vessels, vegetative plexuses, fat spaces.
2. Indications, technique, substantiation of paranephral block by Vishnevsky.
3. Anatomico-surgical evaluation of operative approaches to kidneys and ureters. Concept about operations on kidneys (nephrotomy, nephrostomy, pyelotomy, nephrectomy, nephropexy, resection of kidney).
7. Pudendal block, puncture of abdominal cavity through posterior vaginal fornix, colpotomy: indications, technique.