

State final exam in surgery

Questions 2022 / 2023

- 1 a Acute appendicitis
b Intracranial bleeding, Hematoma subdural, epidural
c Pancreatic injuries

- 2 a Diagnosis and surgical treatment of pancreatic tumors
b Pneumothorax (traumatic, non-traumatic, diagnosis and treatment)
c Luxations on the upper limb (humeroscapular, elbow, wrist and carpal bones, interphalangeal joints)

- 3 a Tracheostomy, conicotomy (indication, procedure)
b Thrombophlebitis, phlebothrombosis, phlegmasia cerulea alba
c Spleen injuries

- 4 a Portal hypertension
b Hemothorax and fluidothorax (diagnosis, treatment)
c Blunt chest injuries

- 5 a Hernia incarcerata
b Bladder carcinoma
c Hemoperitoneum

- 6 a Cholelithiasis
b Diagnosis and surgical treatment of kidney tumors
c Arthroscopy of the knee, shoulder, ankle, hip joint (indications, principles)

- 7 a Ileus mechanical, strangulation, volvulus, intussusception
b Skin transplantation and combined flaps (characteristics, distribution and indications)
c Open fractures (characteristics, classification, diagnosis and treatment)

- 8 a Achalasia and its treatment
b Prostate cancer (locally advanced, disseminated)
c Fractures of the pelvis and acetabulum (characteristics, classification, diagnosis, treatment)

- 9 a Pancreatitis acute (characteristics, diagnosis, therapy)
b Dupuytren's contracture (differential diagnosis), camptodactyly, post-traumatic contractures on the hand
c Volkmann's ischemic contracture

- 10 a Diagnosis and surgical treatment of tumors of the small intestine
b Burn disease, burns - division
c Subdural hematoma

11 a Foreign bodies in GIT
b Diagnosis and surgical treatment of brain tumors
c Fractures of the skull and base of the skull

12 a Diagnosis and surgical treatment of rectal cancer
b Brain abscess
c Characterize high-energy and low-energy trauma, the mechanism of occurrence, the effect of energy on the type of injury, the specifics of anamnesis, diagnostics, traffic accidents, clarify a comprehensive approach to the patient

13 a Pressure ulcers (pathophysiology, distribution, prevention and treatment)
b Neurogenic urinary disorders
c Commotio et contusio cerebri

14 a Diagnosis and surgical treatment of tumors of the gallbladder and bile ducts
b Urolithiasis
c Epidural hematoma

15 a Breast tumors (in general, diagnosis, classification), comprehensive treatment of breast tumors
b Frostbite
c Kidney injuries

16 a Ileitis terminalis – M. Crohn (complications, surgical treatment)
b Bleeding from the upper GIT
c Discectomy, decompression, stabilization and fusion on the spine (characteristics, indications)

17 a The essence of anesthesia, local, lead, regional anesthesia
b Diagnosis and surgical treatment of brain tumors
c Injuries of the liver and bile ducts

18 a Furunculus, carbunculus, cheillitis, phlegmon, abscess, lymphadenitis, erysipelas, erysipeloid
b Vertebral fractures (basic division, compression, community)
c Blunt abdominal injuries

19 a Pelveoperitonitis
b Diagnostics and surgical treatment of tumors of the mediastinum
c Fractures of the thoracic spine (characteristics, classification, diagnosis, treatment)

20 a Blood transfusion (indications, execution, blood derivatives, complications)
b Stereotaxis
c Spinal cord injuries

21 a Diagnosis and surgical treatment of stomach tumors
b Kidney and urinary tract infections, urosepsis
c Perinatal trauma and its importance for child development

22 a Shock (general, septic, hypovolemic, burn)
b Diagnosis and surgical treatment of kidney tumors
c Polydactyly, syndactyly, peromelia, phocomelia

23 a Postoperative infusion therapy
b Omphalocele, gastroschisis
c Fractures of the diaphysis of the lower leg and ankle area (characteristics, classification, diagnosis, treatment)

24 a Thrombosis and embolism of mesenteric vessels
b Atresia of the duodenum, small and large intestine
c Congenital hip dysplasia (characteristics, diagnosis, screening, treatment)

25 a Panaricia (superficial and deep), phlegmons of the palm
b Phimosis, paraphimosis, balanitis
c Total, subtotal amputations, replantation and revascularization, patient and amputee transport to the replantation center, ischemia time

26 a Malignant tumors of the thyroid gland (characteristics, diagnosis, treatment)
b Testis anomalies, hypospadias and epispadias
c Epicondylitis humeri radialis, ulnaris, tendovaginitis stenotisans flexor digitorum manus

27 a Esophageal diverticula and their surgical treatment
b Cardiac tamponade
c Soft tissue tumors of the musculoskeletal system (diagnosis, classification, staging, treatment)

28 a Diagnosis and surgical treatment of colon cancer
b Complications of burns, their diagnosis and treatment
c Pathological changes on the chest (pectus excavatum, pectus carinatum, pectus infundibulare)

29 a Postoperative complications of the surgical wound
b Congenital defects of the biliary tract
c Primary malignant and benign bone tumors (diagnosis, classification, staging, treatment)

30 a Pylethrombosis
b Transplantation (general principles, donation, distribution), tissue trans., organ transpl.
c Fractures of the talus, calcaneus, tarsus, metatarsals and phalanges of the foot (characteristics, classification, diagnosis, treatment)

31 a Prolapsus ani et recti
b Diagnostics and surgical treatment of tumors of the spinal cord and spinal cord covers
c Fractures (diagnosis and classification), principles of treatment (conservative and operative), osteosynthetic material, minimally invasive surgical techniques

32 a Pancreatitis chronica (characteristics, surgical treatment)
b Wound healing, pathological scar, chronic wounds (characteristics, classification, diagnosis, therapy)
c Osteomalacia and Paget's disease (characteristics, diagnosis, treatment)

33 a Anaerobic infections in surgery
b Teratomas
c Fractures in the diaphysis of the humerus and elbow (characteristics, classification, diagnosis, treatment)

34 a Hernia diaphragmatica, reflux esophagitis
b Anorectal malformations
c Secondary bone tumors (characteristics, diagnosis, treatment)

35 a Postoperative complications (prevention, diagnosis, therapy, treatment)
b Hemothorax and fluidothorax (diagnosis, treatment)
c Osteotomy, arthrodesis, synovectomy (characteristics, indications)

36 a Colitis ulcerosa (characteristics, surgical treatment)
b Urolithiasis
c Peculiarities of fractures and dislocations in childhood

37 a Gastrointestinal stromal tumors GIST (epidemiology, clinical picture, diagnosis and differential diagnosis, treatment)
b Prostate cancer (locally advanced, disseminated)
c Fractures of the cervical spine (characteristics, classification, diagnosis, treatment)

38 a Obstructive jaundice (differential diagnosis)
b Tendon injuries, principle of tenosuture, tendon transplantation and transposition
c Bursitis, tendinitis, tendovaginitis, enthesopathy, peripheral nerve narrowing syndrome

39 a Nodi haemorrhoidales
b Bladder carcinoma
c Fractures in the area of the diaphysis of the bones of the forearm, the area of the wrist, carpal bones, metacarpals and phalanges of the hand (characteristics, classification, diagnosis, treatment)

40 a Struma nodosa (surgical treatment, complications, thyroid tumors)
b Pneumothorax (traumatic, non-traumatic, diagnosis and treatment)
c Infectious and parainfectious non-specific arthritis, borreliosis, viral arthritis (HIV)

41 a Diagnostics and surgical treatment of tumors of the parathyroid glands
b Reconstructive and radiological procedures on the arterial system
c Deformities of the spine - scoliosis, kyphosis, spondylolisthesis (characteristics, diagnosis and treatment)

42 a Melanoma and pigmented nevi
b Hydrocephalus
c Pedes plani et planovalgi (characteristics, classification, diagnosis and treatment)

43 a Abdomen acutum (distribution, characteristics)
b Congenital defects of the hand
c Acute and chronic osteomyelitis (characteristics, classification, diagnosis, treatment)

44 a Perforation of the esophagus
b Tumors of the testis
c Fractures of the mandible and maxilla (characteristics, classification, diagnosis, treatment)

45 a Abscessus cavi Douglasi
b Hemangiomas and vascular malformations
c Congenital leg defects (pes equinovarus, pes excavatus, ...) (characteristics, classification, diagnosis and treatment)

46 a Acute cholecystitis
b Benign prostatic hyperplasia (etiopathogenesis, symptomatology, diagnosis, treatment)
c Spinal pain of non-inflammatory etiology (characteristics, specifics according to individual locations, diagnosis, treatment)

47 a Internal hernia in the abdominal cavity
b Diagnosis and surgical treatment of brain tumors
c Arthrosis (characteristics, most common locations, diagnosis and treatment, endoprotheses, types of their anchoring)

48 a General principles of diagnostics and treatment of tumors
b Hirschsprung's disease
c Fractures of the scapula, clavicle and proximal part of the humerus (characteristics, classification, diagnosis, treatment)

49 a Biliary peritonitis
b Aneurysms of the abdominal aorta (symptomatology, diagnosis, treatment)
c Root syndromes (cervical, lumbosacral, cauda equina syndrome) diagnosis and treatment

50 a Hernia (distribution and characteristics), hernia umbilicalis, hernia paraumbilicalis, hernia in cicatrice, hernia linea alba
b Mediastinitis (diagnosis and treatment)
c Intracranial hemorrhage

51 a Malignant breast tumors (characteristics, diagnosis, treatment)
b Facial nerve paresis (etiology, diagnosis, surgical treatment, static and dynamic treatment)
c Luxations on the lower limb (hip joint, knee, ankle, Choparts joint)

52 a Peritonitis (distribution, characteristics)
b Intestinal rotation disorders – Ladd's syndrome
c Fractures of the proximal femur (characteristics, classification, diagnosis, treatment)

53 a Hernia inguinalis et femoralis
b Meconium ileus, meconium peritonitis
c Acute and chronic knee damage (clinical and imaging examination, diagnosis and treatment)

54 a Paralytic ileus
b Diagnosis and surgical treatment of adrenal tumors
c Osteoporosis and osteoporotic fractures (characteristics, classification, diagnosis, treatment)

55 a Ulcus duodeni, ulcus ventriculi
b Mediastinitis (diagnosis and treatment)
c Compartment syndrome (extremity and abdomen)

56 a Differential diagnosis of bleeding into the GIT
b Esophageal atresia
c Aseptic bone necrosis (characteristics, diagnosis, most common locations, treatment)

57 a Diverticulosis of the colon
b Ductus omphaloentericus persistens, urachus persistens
c Complications of fracture healing, prolonged healing, pseudarthrosis, fractura male sanata (characteristics, classification, diagnosis and treatment)

58 a Ileus (distribution, characteristics) b Tumors of the testis
c Examination and management of a patient with polytrauma (principles of treatment, Damage Control, advanced post-traumatic resuscitation (ATLS - Advanced Trauma Life Support))

59 a Cystae et pseudocystae pancreatis
b Diagnosis and surgical treatment of lung tumors
c Fractures of ribs and sternum (characteristics, classification, diagnosis, treatment)

60 a Pylorostenosis et pylorospasmus
b Diagnosis and surgical treatment of adrenal tumors
c Inflammatory diseases of the spine autoimmune e.g. Morbus Bechterev, bacterial, specific (characteristics, classification, diagnosis, treatment)

61 a Diagnosis and surgical treatment of primary and secondary liver tumors
b Clefts and congenital developmental defects of the face (division, timing of surgery, multidisciplinary approach)
c Fractures of the femoral shaft and knee area (characteristics, classification, diagnosis, treatment)

62 a Diagnosis and surgical treatment of esophageal tumors
b Thrombophlebitis, phlebothrombosis, phlegmasia cerulea alba
c Tendon injuries on the limbs, diagnosis, classification and treatment (sutures and types of rehabilitation)