

FINAL CONTROL QUESTIONS  
“Fundamentals of Dentistry”

1. Organization of surgical dental aid to the population of Ukraine in out-patient clinic and in the maxillofacial department of the hospital.
2. Aseptic and antiseptic aspects of prophylaxis of AIDS and viral hepatitis in out-patient clinic and hospital practice.
3. Examination of a patient in the surgical department of out-patient dental clinic and maxillofacial department of the hospital. Medical documentation.
4. Types of pain, components of pain, its influence on the organism. A reaction of organism to pain, operative trauma.
5. Medicinal agents for the local anaesthesia in dentistry, their chemical composition, mechanism of action. Prolongation of action of local anaesthetics. Vasoconstrictors. Dosage. Epinephrine intoxication.
6. Types of local anaesthesia in surgical dentistry and maxillofacial surgery.
7. Potential local anaesthetization: principles of premedication, basic ingredients of medicinal agents which are included into the premedication charts, advantages and disadvantages.
8. Premedication of a patient to the operation in the conditions of out-patient clinic and maxillofacial department of a hospital. Complications of premedication.
9. General complications of a local anaesthesia. Anaphylactic shock. Reanimation measures.
10. Types and features of general anaesthesia conducting during operations in out-patient clinic and maxillofacial department of a hospital. Indications and contra-indication.
11. Pharmacological preparations for narcosis, mechanism of their action. Neuroleptanalgesia.
12. General and local complications during narcosis. Prophylaxis. Reanimation measures.
13. Indications and contra-indications to application of different types of the local and general anaesthesia in operations on maxillofacial area in the conditions of out-patient clinic and maxillofacial department of the hospital.
14. Anaesthetization in the section of superficial, deep phlegmons of maxillofacial area and the neck.
15. General complications during and after narcosis. Prophylaxis, aid.
16. Preparation of dental patient for the urgent and planned surgical interference in the conditions of out-patient clinic and maxillofacial department of the hospital.
17. Peculiarities of anaesthetization during the tooth extraction in patients with the heart attack of myocardium, diabetes mellitus, cardiac diseases. Choice of anaesthetizing method for patients with allergies.
18. Peculiarities of anaesthetization in aged patients.
19. Anaesthetization during sinusotomy.
20. A specific preparation of patient with blood diseases (leukosis, haemophilia) for the tooth extraction.
21. Chronic odontogenic inflammatory processes in patients with somatic local and system pathology. Tactics.
22. Chronic odontogenic inflammatory processes in patients after operations on the abdominal cavity and thorax. Tactics.
23. Etiology, pathogenesis and classification of inflammatory processes of maxillofacial area.
24. Periodontitis, periostitis, osteomyelitis of jaws: classification, clinical signs, methods of treatment.
25. Hematogenic umbilical sepsis. Gematogenic osteomyelitis of jaws.

26. Ways of odontogenic infection spreading, their complications.
27. Abscesses, phlegmons of maxillofacial area: diagnosis, clinical signs, methods of treatment.
28. General treatment of phlegmons of maxillofacial area.
29. Odontogenic mediastinitis: etiology, pathogenesis, clinical picture, diagnosis, surgical and medicinal treatment.
30. Sepsis, infectious toxic shock. Etiology, clinical differential diagnosis of treatment.
31. Thrombophlebitis of facial veins, thrombosis of cavernous sinus, odontogenic abscess of the brain, meningitis. Etiology, clinical signs, differential diagnosis, treatment.
32. Odontogenic sinusitis: etiology, classification, clinical signs, diagnosis, treatment.
33. Lymphadenitis of maxillofacial area: classification, clinical signs, diagnosis and treatment.
34. Erysipelas (Rose) of a face.
35. Benign tumours and tumorous formations of maxillofacial area.
36. Premalignant diseases and skin cancer of a face and lower lip: etiology, clinical signs, differential diagnosis, methods of treatment.
37. The biological features of tumour cell and an action of radial irradiation on it, cryotherapy, hyperthermy, chemical therapy, oxygenotherapy, ultrasound, and hypoxia.
38. Malignant tumors of soft tissues and bones of the maxillofacial area: diagnosis, clinical signs, methods of treatment.
39. Complex treatment of patients with malignant tumors of maxillofacial area.
40. Traumatic disease as a result of maxillofacial injuries: classification, pathogenesis, prognosis, clinical signs, treatment, consequences of illness.
41. Classification, features of tissue damages of maxillofacial area.
42. Temporary (transport) immobilization of the damaged bones of the maxillofacial area.
43. United damages of facial and cerebral skull: classification, clinical signs, diagnosis of laceration, principles of rendering medical aid.
44. Asphyxia, bleeding from damaged tissues of the maxillofacial area: classification, features of clinical motion. Rendering of medical aid to patients.
45. Damage of the tongue, bottom of the oral cavity: signs of clinical motion and rendering of medical aid.
46. Damages of a neck: features of clinical motion and rendering medical aid.
47. Basic principles, methods and types of plastic operations on the face and jaws.
48. The congenital clefts and defects of lip and palate. The role of pediatricians in the process of treatment.
49. Defects and deformations of the maxillofacial area.
50. Dental implantation, types of implants, surgical stages of implantation.
51. Principles of aesthetic surgery, microsurgery of the face.
52. Development of the dento-jaw system: temporal and permanent teeth.
53. Eruption of teeth, formation of root and periodontium.
54. Methods of examination of a dental patient. Dental caries: classification, etiology, pathogenesis.
55. Noncarious teeth defects: etiology, pathogenesis, classification.
56. Congenital defects of development of hard tissues of the teeth.
57. Measures of prophylaxis of stomatological diseases (state, social, medical, hygiene, education).
58. Diseases of periodontium: etiology and pathogenesis.
59. Pediatric dentistry, its basic sections, clinical value.
60. Orthodontic apparatus, classification of vehicles, terms of treatment.
61. Influence of the missing teeth, dento-alveolar-jaw deformations, on the general state of an individual.

62. Examination of a patient in the clinic of prosthetic dentistry. Articulation and occlusion.
63. Clinical signs of dental crown defects, their elimination using the prosthetic appliances.  
Clinical signs of partial defects of dentitions, their removal, by irremovable prosthetic appliances.