

## Questions for the Oral Surgery exam

4th year

2024/2025

1. The subject and content of surgical dentistry. Stages of development of domestic surgical dentistry.
2. Asepsis, antiseptics during operations on the face and in the oral cavity. Features of processing tools after contact with HIV-infected, tuberculosis patients, viral hepatitis.
3. Examination of the patient in the surgical department (office). Deontology and medical ethics.
4. Types of local anesthesia during dental interventions. The choice of analgesia method during tooth extraction surgery.
5. The choice of the method of anesthesia in the presence of an inflammatory focus and with concomitant pathology.
6. The main groups of anesthetics used in dentistry. Comparative characteristics of pharmacological properties (metabolism, strength and duration of action, efficacy, toxicity).
7. Anesthetics for local anesthesia during dental operations, their comparative characteristics. The composition of carpulated anesthetics. Indications and contraindications.
8. Vasoconstrictors. Mechanism of action, indications, contraindications to use. Complications.
9. General anesthesia. Indications, contraindications for outpatient dental operations.
10. Anesthesia during surgical interventions on the upper jaw. The technique of nasopalatine and greater palatine nerves. Areas of anesthesia, technique, complications.
11. Anesthesia during surgical interventions on the upper jaw. Anesthesia at the hillock of the upper jaw. Pain relief zone. Technique of execution. Complications, their prevention.
12. Anesthesia during surgical interventions on the upper jaw. Infraorbital anesthesia. Pain relief zone. Technique of execution. Complications, their prevention.
13. Methods of switching off the second and third branches of the trigeminal nerve. Complications, prevention.
14. Anesthesia during surgical interventions on the lower jaw. Mandibular anesthesia (intraoral and extraoral methods). Indications, technique of execution, pain relief zones, complications.
15. Anesthesia during surgical interventions on the lower jaw. The technique of anesthesia on the inferior alveolar nerve (torus anesthesia). Technique of execution. Pain relief zones.
16. Anesthesia during surgical interventions on the lower jaw. Methods of switching off the buccal, lingual, mental nerves. Analgesia zone, complications, prevention.
17. Local complications during local anesthesia during surgical interventions on the upper and lower jaw. Causes, treatment and ways of prevention
18. Tooth extraction operation. Indications, contraindications.
19. Preparation of the patient for the operation of tooth extraction. Wound healing after tooth extraction.
20. Stages of tooth extraction. Tools for tooth extraction.
21. Features of removal of teeth and roots on the upper jaw. Selection of tools. Technique, complications, prevention.
22. Features of removal of teeth and roots on the lower jaw. Selection of tools. Technique, complications, prevention.
23. Features of the removal of "wisdom" teeth on the lower and upper jaw. Technique of execution, possible complications and ways of their prevention.
24. Complex removal of teeth and roots (using a drill, with the folding of the muco-periosteal flap). Technique of execution. Complications. Prevention.
25. Features of tooth extraction in patients with concomitant pathology (diseases of the blood, CVD, endocrine system).

26. Local complications during tooth extraction on the upper jaw. Causes, clinic, diagnosis, treatment.
27. Local complications during the extraction of teeth on the lower jaw. Causes, clinic, diagnosis, treatment.
28. Acute perforation of the bottom of the maxillary sinus during tooth extraction. Causes of occurrence, diagnostic methods, tactics of the doctor.
29. Local complications after tooth extraction. Bleeding after tooth extraction. Causes, clinic, treatment, prevention.
30. Local complications after tooth extraction: alveolitis. Etiology, clinic, treatment, prevention.
31. Periodontitis. Etiology, pathogenesis, classification, diagnostic methods.
32. Acute purulent periodontitis, exacerbation of chronic periodontitis. clinic, diagnosis, differential diagnosis, treatment.
33. Chronic periodontitis. Clinic, diagnosis, morphological picture, differential diagnosis of various forms.
34. Root amputation. Indications and contraindications to amputation. Technique of execution, complications.
35. Coronoradicular separation. Indications, technique of execution.
36. Hemisection. Indications, technique of execution.
37. Root apical resection. Indications, preparation of the tooth for surgery, technique of execution.
38. Features of granulotomy surgery in various parts of the jaws. Types of incisions performed. Possible complications, prevention.
39. Mistakes and complications of surgical treatment of chronic periodontitis, their prevention.
40. Acute odontogenic periostitis of the jaws. Clinic, diagnosis, treatment.
41. The surgeon's tactics in relation to the "causal tooth" in acute periostitis. Features of periostotomy on vestibular, lingual, palatine surfaces.
42. Odontogenic abscess of the hard palate. Clinic, diagnosis, features of surgical treatment.
43. Acute stage of odontogenic osteomyelitis of the jaws. Clinic, diagnosis, features of the course on the lower jaw.
44. Subacute stage of odontogenic osteomyelitis of the jaws. Clinic, diagnosis, treatment, prognosis.
45. Chronic osteomyelitis of the jaws. Classification, clinic and radiological picture of various forms of chronic osteomyelitis.
46. Treatment of chronic osteomyelitis of the jaws. Features of surgical intervention on the upper and lower jaw.
47. Differential diagnosis of acute periodontitis, acute periostitis, acute osteomyelitis of the jaws.
48. Teething diseases. Causes, clinic, diagnosis, treatment.
49. Retention, dystopia. Clinic, diagnosis, treatment.
50. Difficult eruption of the lower third molar. Clinic, diagnosis, complications, treatment.
51. Chronic odontogenic maxillary sinusitis. Clinic, diagnosis, treatment features.
52. Indications for surgical treatment in chronic odontogenic maxillary sinusitis. Technique of surgical treatment.
53. Methods of conservative and surgical treatment of odontogenic maxillary sinusitis.
54. Acute odontogenic lymphadenitis. Clinic, differential diagnosis, treatment.
55. Chronic lymphadenitis. Classification, clinic, diagnosis, treatment.
56. Definition of the concept of "odontogenic infection". The relationship of odontogenic infection with general pathology.
57. Etiology, pathogenesis of inflammatory diseases of MFR. Classification according to A.G. Shargorodsky.

58. The state of nonspecific immunological reactivity in patients with acute odontogenic inflammatory pathology. Three immunological variants of the development of inflammatory diseases.
59. X-ray research methods used in inflammatory diseases of MFR. Indications for use.