

Educational establishment
"Belarusian State Medical University"
"APPROVED"

Head of the Oral Surgery Department

I.O. Pohodenko-Chudakova



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EXAM QUESTIONS IN MAXILLOFACIAL AND ORAL SURGERY
3 COURS

5 semester

1. The organization of the maxillofacial surgery service.

1. The history of the maxillofacial surgery development.
2. The organization of the maxillofacial surgical service in the Republic of Belarus.
3. Organization of the maxillofacial surgical departments (rooms) in the outpatient clinic and hospital.
4. Accounting-reporting documentation in the outpatient clinic.
5. Preparation of the surgeons' hands and the surgical field.
6. Instruments and bandages disinfection and sterilization in outpatient clinics and hospitals.
7. Examination of patients with surgical pathology of the maxillofacial area.

2. Anesthesia in maxillofacial surgery

1. Local anesthesia in the maxillofacial region.
2. The modern concept of solution of the problem of pain in the treatment of maxillofacial patients.
3. Types of local anesthesia. Classification.
4. Local anaesthetics. Classification.
5. Amide local anaesthetics. Characteristics.
6. Esters local anaesthetics. Characteristics.
7. Infiltration anesthesia in the maxillofacial area. Types and techniques.
8. The lower jaw nerve block. Types and techniques.
9. The upper jaw nerve block. Types and techniques.
10. General anesthesia in maxillofacial surgery.
11. Neuroleptanalgesia, ataralgesia, anesthesia, acupuncture analgesia, analgesia using transcutaneous electroneurostimulation.
12. Local complications of injecting anesthesia in maxillofacial surgery.
13. Possible errors during injecting anesthesia and their prevention.
14. Treatment of local complications of injecting anesthesia in maxillofacial surgery.

3. Oral Surgery

1. General and local indications and contraindications for tooth extraction.
2. The tools and techniques for tooth extraction in the upper jaw.
3. The tools and techniques for tooth extraction in the lower jaw.
4. Techniques of surgical tooth extraction on the upper and lower jaws.
5. Local complications arising during tooth extraction.
6. Local complications arising tooth extraction.
7. Local anesthesia and tooth extraction in patients with general somatic pathology.
8. General complications associated with tooth extraction.
9. Drug anaphylactic shock.

6 semestr

4. Odontogenic inflammatory processes

1. Odontogenic pyoinflammatory diseases of maxillofacial area. Modern classification.
2. Odontogenic pyoinflammatory diseases of maxillofacial area. Etiology, pathogenesis.
3. Apical periodontitis. Classification.
4. Acute apical periodontitis, clinical picture, diagnosis, treatment.
5. Surgical treatment of apical periodontitis. Types and techniques. Indications and contraindications.
6. Diseases of eruption. Classification.
7. Diseases of eruption, clinical picture, diagnosis, treatment.
8. Odontogenic periostitis of jaws. Classification. Clinical picture, diagnostics, treatment.
9. Odontogenic periostitis of jaws. Clinical picture on the upper jaw.
10. Odontogenic periostitis of jaws. Clinical picture on the law jaw.
11. Osteomyelitis of jaws, modern classification.
12. Acute odontogenic osteomyelitis, clinical picture, diagnostics, treatment.
13. Chronic odontogenic osteomyelitis. Clinical picture, diagnostics, treatment.
14. Chronic ossificans osteomyelitis Garre.
15. Odontogenic lymphadenitis of the maxillofacial area. Clinical picture, diagnostics, treatment.
16. Adenoflegmonas of the maxillofacial area.
17. Differential diagnosis of pyoinflammatory processes in maxillofacial area and neck: periodontitis, periostitis.
18. Differential diagnosis of pyoinflammatory processes in maxillofacial area and neck: periostitis, odontogenic osteomyelitis of jaws.
19. Differential diagnosis of pyoinflammatory processes in maxillofacial area and neck: periostitis, lymphadenitis.
20. Boils (furuncles) and carbuncles of the maxillofacial area. Clinical picture, diagnostics, treatment.

21. Boils (furuncles) and carbuncles of the maxillofacial area. Complications and their prophylaxis.
22. Severe complications of inflammatory processes in maxillofacial area (phlebitis facial veins, thrombosis of the cavernous sinus). Clinical picture, diagnostics, treatment.
23. Anaerobic infection in the maxillofacial area and neck. Clinical picture, diagnostics, treatment.
24. Odontogenic mediastinitis. Clinical picture, diagnostics, treatment.
25. Severe complications of pyoinflammatory processes in maxillofacial area and neck (odontogenic sepsis in patients with pyoinflammatory processes in maxillofacial area and neck).
26. Prognosis of inflammatory processes in maxillofacial area.
27. Modern principles of treatment of purulent wounds of the maxillofacial area and neck.
28. Examination of temporary disability and dispensary system (prophylactic medical examination) of patients with pyoinflammatory diseases of maxillofacial area and neck.
29. Physical therapy, physiotherapy, acupuncture in the system of rehabilitation of patients with pyoinflammatory diseases of maxillo-facial area in outpatient clinics and hospitals.

5. Specific inflammatory processes in maxillofacial area.

1. Specific diseases of the maxillofacial area.
2. Actinomycosis of maxillofacial area. Clinical picture, diagnostics, treatment, prophylaxis.
3. Syphilis in the maxillofacial region. Clinical picture, diagnostics, treatment, prophylaxis.
4. Tuberculosis in the maxillofacial region. Clinical picture, diagnostics, treatment, prophylaxis.
5. HIV-infection in the maxillofacial region. Clinical picture, diagnostics, treatment, prophylaxis.

6. Diseases of the maxillary sinus.

1. Odontogenic sinusitis of the maxillary sinus. Etiology, pathogenesis.
2. Odontogenic sinusitis of the maxillary sinus. Clinical picture, diagnosis, differential diagnostics.
3. Odontogenic sinusitis of the maxillary sinus. Treatment in polyclinic and hospital. Prophylaxis of disease.
4. Perforation and fistulas of the maxillary sinus. The reasons for their development.
5. Perforation and fistulas of the maxillary sinus. Clinical picture, diagnostics, treatment, prophylaxis.