

YEREVAN STATE MEDICAL UNIVERSITY NAMED AFTER MKHITAR HERATSI

DEPARTMENT OF SURGICAL STOMATOLOGY AND MAXILLOFACIAL SURGERY

**FINAL ATTESTATION OF "STOMATOLOGY" SPECIALITY**

**2023-2024 ACADEMIC YEAR**

**"SURGICAL STOMATOLOGY" SUBJECT**

**ATTESTATION QUESTIONNAIRE**

1. Local anesthetic agents. Classification of anesthetics. Indications and contraindications of local anesthesia.
2. Topical or surface anesthesia. Infiltration anesthesia, method of Vishnevski: indications, technique.
3. Inferior alveolar nerve block. Extra oral and intraoral approaches. Technique, area of anesthesia, complications.
4. Anesthesia at mandibular torus by Veisbrem. Buccal nerves block. Technique, area of anesthesia, complications.
5. Mental nerve block, extraoral and intraoral approaches. Lingual nerve block. Technique, area of anesthesia, complications.
6. Contracture of masticatory muscles. Anesthesia by Bershe and Bershe-Dubov. Technique, area of anesthesia, complications.
7. Posterior superior alveolar nerve block, extra oral and intraoral approaches. Technique, area of anesthesia, complications.
8. Infraorbital nerve block, extraoral and intraoral approaches. Technique, area of anesthesia, complications.
9. Greater palatine nerve block. Nasopalatine nerve block, extraoral and intraoral approaches. Technique, area of anesthesia, complications.
10. Trigeminal nerve block, coronoid approach. Technique, area of anesthesia, complications.
11. Systemic complications of local anesthesia: unconsciousness, collapse, anaphylaxis. Types, etiology, pathogenesis, clinical picture, differential diagnosis, prophylactic, treatment.
12. Topical complications of local anesthesia. Types, etiology, pathogenesis, clinical picture, differential diagnosis, prophylactic, treatment.
13. Indications for extraction of teeth. Systemic and topical. Contraindications for extraction of teeth. Systemic and topical.
14. Pre-extraction considerations. Extraction techniques, instruments. Post extraction instructions. Wound debridement after tooth extraction
15. Complications involved in extraction. Fracture of tooth, root, alveolar bone, maxillary tuberosity.
16. Complications involved in extraction. Oro-antral communication, fistula, treatment.
17. Post extraction complications. Alveolitis (dry socket), limited osteomyelitis of the socket. Types, etiology, pathogenesis, clinical picture, differential diagnosis, prophylactic, treatment.
18. Post extraction complications. Alveolar bleeding. Systemic and local etiological factors, clinical picture, diagnosis, prophylactic, treatment, hemostatic drugs.
19. Pericoronitis. Etiology, pathogenesis, clinical picture, treatment. Complications.
20. Impaction and dystopia of teeth. Etiology, pathogenesis, clinical picture, diagnosis, surgical extraction of impacted teeth. Complications.

21. Surgery to preserve teeth. Apicectomy, hemisection, reimplantation, coronaro-radicular separation.
22. Acute and chronic periostitis, palatal abscess of the jaw. Etiology, pathogenesis, clinical picture, treatment. Complications.
23. Differential diagnosis of acute and chronic periodontitis, periostitis, osteomyelitis.
24. Acute osteomyelitis of the jaw. Etiology, pathogenesis, clinical picture, diagnosis, treatment.
25. Chronic osteomyelitis of the jaw. Etiology, pathogenesis, clinical picture, diagnosis, treatment.
26. Lymph nodes of head and neck. Lymphangitis, acute and chronic nonspecific lymphadenitis, adenoflegmona. Etiology, pathogenesis, clinical picture, diagnosis, treatment.
27. Actinomycosis, tuberculosis, syphilis. Etiology, pathogenesis, clinical picture, diagnosis, differential diagnosis, treatment.
28. Carbuncle and furuncle. Etiology, pathogenesis, clinical picture, diagnosis, treatment.
29. Acute maxillary sinusitis. Etiology, pathogenesis, clinical picture, treatment, puncture of maxillary sinus. Complications.
30. Chronic maxillary sinusitis. Etiology, pathogenesis, clinical picture, treatment, radical sinusotomy by Caldwell-Luke.
31. Differential diagnosis of rhinogenic, odontogenic and allergic sinusitis.
32. TMJ disorders. Acute and chronic nonspecific arthritis. Etiology, pathogenesis, clinical picture, treatment.
33. TMJ arthrosis. Etiology, pathogenesis, clinical picture, treatment.
34. Dysfunction of TMJ (Myofascial pain syndrome). Etiology, types, pathogenesis, clinical picture, treatment.
35. Ankylosis of TMJ. Etiology, types, pathogenesis, clinical picture, treatment.
36. Buccal space, infraorbital space and orbit infections. Topographic anatomy, etiology, pathogenesis, clinical picture, treatment.
37. Temporal space. Topographic anatomy, space infection, etiology, pathogenesis, clinical picture, treatment.
38. Infratemporal, pterygo-palatal fossa space infections. Topographic anatomy, etiology, pathogenesis, clinical picture, treatment.
39. Parapharyngeal, retropharyngeal spaces infections. Topographic anatomy, etiology, pathogenesis, clinical picture, treatment.
40. Pterygomandibular space infections. Topographic anatomy, etiology, pathogenesis, clinical picture, treatment.
41. Parotid and submasseterial space infections. Topographic anatomy, etiology, pathogenesis, clinical picture, differential diagnosis, treatment.
42. Submandibular, submental spaces infections. Topographic anatomy, etiology, pathogenesis, clinical picture, treatment.
43. Infections of the root of tongue, sublingual space infections. Topographic anatomy, etiology, pathogenesis, clinical picture, treatment.
44. Infections of the floor of mouth. Topographic anatomy, etiology, pathogenesis, clinical picture, treatment.
45. Ludwig's angina. Etiology, pathogenesis clinical picture, treatment. Airway considerations in Ludwig's angina.
46. Cavernous sinus thrombosis and thrombophlebitis, brain abscess, meningitis. Etiology, pathogenesis, clinical picture, treatment.
47. Salivary glands. Classification of disorders, investigations. Sialolithiasis. Etiology, pathogenesis, clinical picture, treatment.
48. Acute nonspecific (epidemic and nonepidemic) sialadenitis. Etiology, pathogenesis, clinical picture, differential diagnosis treatment.
49. Chronic parenchymal, interstitial sialadenitis, sialodochitis. Etiology, pathogenesis, clinical picture, differential diagnosis, treatment.
50. Sialosis. Sjogren's syndrome. Mikulicz disease. Etiology, pathogenesis, clinical picture, differential diagnosis treatment.

51. Soft tissue injuries. Classification, clinical picture, treatment.
52. Dentoalveolar injuries. Classification, clinical picture, diagnosis. Treatment.
53. Alveolar ridge fractures. Classification, clinical picture, diagnosis. Treatment. Dislocation of the TMJ. Etiology, pathogenesis, clinical picture, diagnosis, treatment.
54. Mandibular fractures. Classification, clinical picture, diagnosis, treatment.
55. Maxillary fractures. Classification, clinical picture, diagnosis, treatment.
56. Zygomatic bone and arch fractures. Nasal bone fractures. Classification, clinical picture, diagnosis, treatment.
57. Complication of trauma. Classification, clinical picture, diagnosis, treatment.
58. Neurological disorders of the maxillofacial region. Trigeminal, glossopharyngeal neuralgia. Etiology, pathogenesis, clinical picture, differential diagnosis, treatment.
59. Trigeminal nerve neuropathy. Mimic muscle paresis. Hemiatrophy. Etiology, pathogenesis, clinical picture, differential diagnosis, treatment. Reconstructive surgeries and myoplasty.
60. Soft tissue tumors (Papilloma. Papillomatosis). Tumors and tumor like lesions of the skin of face (benign squamous cell keratoacanthic papilloma, seborrheic keratoses, pigmented nevus, rhinophyma). Etiology clinical picture, treatment.
61. Fibros tissue tumors and tumor like lesions (fibroma, fibros growth, epulis, fibromatosis). Adipose tissue origin tumors (lipoma). Muscle tissue origin tumors (leiomyoma, rhabdomyoma). Etiology clinical picture, treatment.
62. Bone forming neoplasms (osteoma, osteoid osteoma, giant cell lesions). Cartilage and bone neoplasms. (chondroma). Etiology clinical picture, treatment.
63. Odontogenic tumors of the jaw (Ameloblastoma, odontoma, odontogenic myxoma). Etiology clinical picture, treatment.
64. Odontogenic tumors of the jaw (keratocystosis odontogenic tumor, true cementoma, periapical cemental dysplasia, gigantiform cementoma). Etiology clinical picture, treatment.
65. Fibro-osseous lesions (Polyostotic, monostotic fibrous dysplasia, Albrights syndrome, Cherubism) Etiology, clinical picture, treatment.
66. Fibro-osseous lesions (Eosinophilic granuloma, hyperparathyroidisim, Pegets disease). Etiology, clinical picture, treatment.
67. Face and neck cysts (Dermoid cysts, branchid cleft anomalies, thyroglossal duct anomalies). Etiology, pathogenesis, clinical picture, treatment.
68. Blood vessel tumor and tumor-like lesions (hemangiomas). Lymphangioma. Tumor of peripheric nerves (neurofibroma, neurilemmoma, neurofibromatosis). Etiology, clinical picture, treatment.
69. Salivary gland benign tumors (cystadenoma and pleomorphic adenoma, Warthin's Tumor). Classification, clinical picture, treatment. Retention cysts of salivary glands (Mucocele, Ranula). Etiology, pathogenesis, clinical picture, treatment.
70. Non-odontogenic cysts of oral cavity (Nasopalatine, globulomoillary cysts). Etiology, clinical picture.
71. Treatment of the cysts of oral cavity (cystotomy, cystectomy, plastic cystotomy).
72. Odontogenic cysts of the oral cavity (Radicular, dentigerous cysts, eruption cysts). Etiology, clinical picture, treatment.
73. Precancers of the mucosa of oral cavity, red lip rim and the skin of the face (Cheilitis Manganotti, leukoplakia, keratoacanthoma, actinic keratosis, radiation dermatitis, precancerous melnosis, Hetchinson's melanotic patches). Classification, etiology, clinical picture, treatment.
74. Malignancies of the skin of the face and the tongue. Classification, etiology, diagnosis, clinical picture, treatment.
75. Malignancies of the mucosa of oral cavity, lip. Classification, etiology, diagnosis, clinical picture, treatment.
76. Salivary gland malignant tumors. Etiology, diagnosis, clinical picture, treatment.
77. Cancer and sarcoma of mandible. Etiology, diagnosis, clinical picture, treatment.
78. Cancer and sarcoma of maxilla. Classification, etiology, diagnosis, clinical picture. Maxillectomy. Surgical technique.

79. Treating Periodontal Pockets. Subgingival curettage, gingivectomy.
80. Widman flap, Neuman flap, Modified Widman flap.
81. Guided Tissue Regeneration, Bone Grafting. Membranes.
82. Gingival Recession, Gingival recessions surgical treatment modalities, pedicle flap procedures.
83. Free graft procedures. An acellular dermal matrix.
84. Classification of dental implants. Types of dental implants.
85. Indications and contraindications for dental implants. Sinus-lift procedure.
86. Hard tissue implant interface. Osteointegration
87. Surgical stage of implantation, insertion technique.
88. Immediate implantation. Indications and contraindications. Technic. Complications.
89. Complications of during dental implantation and early postoperative complications.
90. Periimplantitis. Etiology, diagnosis, clinical picture, treatment.

Referances:

1. The lecture materials of the chair
2. Textbook of oral and maxillofacial surgery (Dr. Vinod Kapoor)
3. Contemporary oral and maxillo-facial surgery (Peterson)

Head of the YSMU Surgical Stomatology Chair



professor G.V.Hakobyan