**Questions for the promotion exam**

Course: **Oncology in OMF Surgery**

Course Type: **Compulsory**

Course Code: **S.09.O.090**

1. International classification of oral and maxillofacial tumors (clinical, anatomical and histological criteria).
2. Clinical features of benign tumors in the oral and maxillofacial region.
3. Clinical features of malignant tumors in the oral and maxillofacial region.
4. Differential diagnosis between benign and malignant tumors.
5. Paraclinical diagnostic methods: biopsy and cytological examination – types, techniques and interpretation of results.
6. Etiology and pathogenesis of jawbone cysts.
7. Classification of cysts (WHO).
8. Developmental odontogenic cysts: general overview.
9. Odontogenic keratocyst: clinical features, diagnosis, differential diagnosis, and treatment.
10. Follicular (dentigerous) cyst: clinical features, diagnosis, differential diagnosis, and treatment.
11. Orthokeratinized odontogenic cyst: clinical features, diagnosis, differential diagnosis, and treatment.
12. Lateral periodontal cyst and botryoid odontogenic cyst: clinical features, diagnosis, differential diagnosis, and treatment.
13. Calcifying odontogenic cyst: clinical features, diagnosis, differential diagnosis, and treatment
14. Glandular odontogenic cyst: clinical features, diagnosis, differential diagnosis, and treatment
15. Inflammatory odontogenic cysts: general overview.
16. Residual cyst. Clinical presentation, diagnosis, differential diagnosis, and treatment.
17. Radicular cyst. Clinical presentation, diagnosis, differential diagnosis, and treatment.
18. Developmental non-odontogenic cysts.
19. Nasopalatine duct cyst: clinical presentation, diagnosis, differential diagnosis, and treatment
20. Pseudocysts: idiopathic bone cavity (traumatic, simple, or hemorrhagic bone cyst), aneurysmal bone cyst, and Stafne bone defect.
21. Ranula. Clinical presentation, diagnosis, and differential diagnosis.
22. Congenital lateral cervical (branchial) cysts: clinical presentation, diagnosis, and differential diagnosis.
23. Congenital midline cervical (thyroglossal duct) cysts: clinical presentation, diagnosis, and differential diagnosis.
24. Dermoid and epidermoid cysts in the oral and maxillofacial region: clinical presentation, diagnosis, and differential diagnosis.
25. Principles of treatment for congenital cysts and fistulas of the oral and cervicofacial regions
26. Ameloblastoma: clinical presentation, diagnosis, differential diagnosis, treatment, and complications.
27. Cementoma: classification, clinical presentation, diagnosis, differential diagnosis, treatment, and complications.
28. Odontoma: classification, clinical presentation, diagnosis, differential diagnosis, treatment, and complications.
29. Jaws osteoma. Clinical picture, diagnosis, differential diagnosis, treatment, complications.
30. Osteoclastoma (giant cell tumor - GCT). Classification, clinical picture, diagnosis, differential diagnosis, treatment.
31. Chondroblastoma. Clinical picture, diagnosis, differential diagnosis, treatment.
32. Fibrous dysplasia of the maxilla. Clinical picture, diagnosis, differential diagnosis, treatment
33. Lipoma and lipomatosis – Madelung’s disease: clinical presentation, diagnosis, differential diagnosis, and treatment.
34. Haemangioma of the oral and maxillofacial region: classification, clinical presentation, diagnosis, differential diagnosis, and treatment.
35. Lymphangioma of the oral and maxillofacial region: clinical presentation, diagnosis, differential diagnosis, and treatment.
36. Papilloma in the oral and maxillofacial region: clinical presentation, diagnosis, differential diagnosis, and treatment.
37. Oral papillomatosis: clinical presentation, diagnosis, treatment, and complications.
38. Epulis: classification, clinical presentation, diagnosis, differential diagnosis, and treatment
39. Pleomorphic adenoma of the salivary glands: clinical presentation, diagnosis, differential diagnosis, and treatment.
40. Carcinogenesis: cellular changes (hyperplasia, metaplasia, dysplasia).
41. Carcinogenic and risk factors involved in the development of cancer and oral potentially malignant disorders.
42. Definition of the term “oral potentially malignant disorders” (OPMDs).
43. Evolution of terminology: from “precancerous lesions” to OPMDs.
44. WHO 2022 classification of oral potentially malignant disorders (OPMDs) and oral epithelial dysplasia (OED).
45. Classification and clinical features of oral potentially malignant disorders (oral leukoplakia, erythroplakia, erythroleukoplakia, oral lichen planus, oral lichenoid lesions, proliferative verrucous leukoplakia, oral submucous fibrosis).
46. Oral epithelial dysplasia (OED): histopathological concepts (mild, moderate, and severe dysplasia / carcinoma in situ)
47. Clinical management of oral potentially malignant disorders (OPMDs)
48. Diagnostic algorithm: clinical examination + biopsy + follow-up
49. Non-invasive methods for early detection and diagnosis of lesions with malignant potential: chemiluminescence, tissue autofluorescence, vital staining
50. Monitoring strategies: follow-up intervals, photographic documentation, rebiopsy
51. Surgical indications and adjuvant treatments in oral potentially maliignant disorders.
52. Role of the multidisciplinary team: ENT specialist, pathologist, oncologist
53. The role of incisional and excisional biopsy: techniques
54. Histopathological classification of malignant tumors according to the World Health Organization (WHO).
55. Clinical and imaging-based staging of malignant tumors (TNM system).
56. Clinical manifestations of malignant tumors located in the head and neck region.
57. The importance of eliminating acute and chronic odontogenic infectious foci prior to initiating radiotherapy targeting the oral and maxillofacial region.
58. Therapeutic principles of radiotherapy and chemotherapy in malignant tumors: elements of dosimetry and radioprotection measures.
59. Impact of radiotherapy on the maxillary bone tissue
60. The role of bisphosphonates in the etiopathogenesis of inflammatory bone complications in the maxilla and mandible