

Exam Topics in Otorhinolaryngology, Head and Neck Surgery (I-II) **(English, general medicine)**

I.

1. Anatomy and physical examination of the auricle, external auditory canal and tympanic membrane.
2. Anatomy and physiology of the middle ear, function and physical examination of the Eustachian tube.
3. Pure tone threshold audiometry, tympanometry. List of subjective and objective hearing tests. Tuning fork tests
4. Objective hearing tests. Tympanometry, Evoked Response Audiometry, otoacoustic emission.
5. Basic examination methods of otoneurology. Symptoms of central and peripheral imbalances.
6. Diseases of the auricle and external auditory canal.
7. Acute and chronic serous otitis media. Application of ventilation tube (Grommet).
8. Course and treatment of acute purulent otitis media. The paracentesis.
9. Types of chronic otitis media.
10. Complications of acute and chronic purulent otitis media
11. Differentiation of central and peripheral facial nerve palsy. Causes and differential diagnosis of peripheral facial nerve palsy.
12. Mastoidectomy, radical ear surgery (radical mastoidectomy).
13. The meaning and types of tympanoplasty
14. Fixations of auditory chain, tympanosclerosis, otosclerosis. Clinic, diagnosis, treatment.
15. Traumatic injuries of the external, middle and inner ear.
16. Damages of the inner ear caused by noise, infectious diseases and toxic lesions.
17. Differential diagnosis of BPPV, vestibular neuronitis and Ménière's disease.
18. Acute and chronic sensorineural hearing loss.
19. The hard of hearing and deaf child's symptoms, examination and treatment. Infant's screening of hearing.
20. Types and indications of hearing aids. Cochlear implantation
21. Functions of the nose, anatomy and physiology of the nose and paranasal sinuses.
22. Simple physical examination, endoscopy and modern imaging of the nose and paranasal sinuses.
23. Diseases, injuries, inflammations and tumors of the external nose.
24. Blood supply to the nasal cavity, causes and treatment of nasal bleeding.
25. Causes of reduced nasal ventilation. Septum deviation. Smelling disorders.
26. Types of rhinitides, their therapy.
27. Acute and chronic inflammations of the paranasal sinuses. Management principles.
28. Endoscopic sinus surgery, extended applications.
29. Complications of paranasal sinus infections.
30. Benign and malignant tumors of the paranasal sinuses, principles of treatment.

II.

31. Anatomy, physiology and examination of the pharynx.
32. Symptoms, causes and examination of sleep apnea syndrome.
33. Diseases occurring in the nasopharynx. Adenoid hyperplasia and its consequences. Tumors of the nasopharynx..
34. Inflammatory diseases of the oral cavity and the pharynx.
35. Tonsillitis, angina and mononucleosis.

II.

36. Complications of acute tonsillitis. Peritonsillar abscess.
37. Symptoms and diagnosis of chronic tonsillitis. Possible surgical complications of tonsillectomy.
38. Malignant tumors of the oral cavity, tongue and pharynx.
39. Anatomy of the neck, neck spaces, neck vessels, nerves and lymphatic system.
40. Malformations of the neck. Inflammatory diseases of the soft tissues of the neck.
41. Differential diagnosis of swelling at the neck.
42. Inflammatory diseases, degenerative diseases and tumors of the thyroid gland.
43. Inflammatory diseases of the salivary glands, sialadenopathies
44. Benign and malignant tumors of the salivary glands.
45. Anatomy and physiology of the larynx.
46. Examination of the larynx. Symptoms of the diseases of the larynx.
47. Causes, symptoms and investigation of vocal cord paralysis. Laterofixation.
48. Tracheotomy, cricothyrotomy (conicotomy). Indications and implementation of endotracheal intubation.
49. Acute and chronic inflammations of the larynx.
50. Causes, symptoms and treatment of chronic laryngitis.
51. Malignancies of the larynx and hypopharynx.
52. Care and follow-up of patients who have undergone laryngeal surgery. Possibilities of speech rehabilitation in patients who have undergone total laryngectomy.
53. Diseases of the trachea, foreign bodies in the respiratory tract. Examination and diseases of the esophagus. Swallowing disorders. Esophageal foreign bodies.
54. The role of HPV in oropharyngeal malignant diseases.
55. The cervical lymph node regions. Cervical lymph node dissections.
56. Partial laryngectomies.
57. Possibilities of complex treatment of head and neck tumors.