

# OTOLARYNGOLOGY

## Final Exams

1. ENT exams (final exams, “distant” on-line exams)
2. The rules of the oral “distant” on-line exams are set by Pécs University Dean’s Office
3. The acceptance of ENT curriculum is based on the attendance of lectures and seminars and other rules set forward by Pécs.  
Please see details on Pécs University’s official webpage and Neptun Channels.

## 1. ENT Exams

“Distant Oral On-line mode” Platform : **Microsoft Teams**

**The bellow topics are the required knowledge for the ENT final exam.**

- I. **Physical patient examination** (detailed step by step oral explanation of the basic examinations, what and how the examiner does, name of the instruments, the way of instruments used, position of both patients and doctors during examination, what needs to be asked from the patient during the examination, what to care for, normal anatomy to be seen, and optionally to list some pathologic changes in the examined field, etc...)

The SIX Basic ENT patient examinations:

1. ear examination (with ear funnel ) optional: otoscope, microscopic examination
2. nose and nasal cavities /anterior rhinoscopy/ optional: rigid or flexible endoscopy
3. oral cavity examination
4. larynx and hypopharynx /indirect laryngoscopy with laryngeal mirror/ optional: rigid or flexible laryngoscopy
5. nasopharynx /posterior rhinoscopy with mirror/ optional: rigid or flexible nasopharyngoscopy
6. Neck examination /palpation/

- II. A. **Clinical tests** (detailed step by step oral explanation of the basic examinations, what and how the examiner does, name of the instruments, the way of instruments used, position of both patients and doctors during examination, what needs to be asked from the patient during the examination, what to care for, normal anatomy to be seen, and optionally to list some pathologic changes in the examined field, etc...)

1. Hearing test physical examination
2. Balance examination

**II. B. Demonstrate the proper use of ENT instruments treating or performing:** (detailed step by step oral explanation of the basic examinations, what and how the examiner does, name of the instruments, the way of instruments used, position of both patients and doctors during examination, what needs to be asked from the patient during the examination, what to care for, normal anatomy to be seen, and optionally to list some pathologic changes in the examined field, etc...)

1. control of nose bleeds /epistaxis/
  - anterior nasal packing
  - posterior nasal packing
2. myringotomy
3. feeding by nasogastric tube
4. tracheal tubes
5. antral lavage
6. draining of a peritonsillar abscess
7. removal of foreign bodies from the external ear canal and nose

**III. Theoretical questions /Topics for ENT exam**

(Randomly selected question will be assigned to the students. Detailed theoretical knowledge will be tested **but not only** about the topic the patient randomly gets)

1. Pure tone audiometry, speech audiometry
2. Otoacoustic emissions, brainstem evoked response audiometry
3. Diseases of the pinna and the external ear canal
4. Diseases of the tympanic membrane, tumours of the external ear (benign, malignant tumours)
5. Serous otitis media (acute, chronic)
6. Suppurative otitis media (acute, chronic)
7. Complications of suppurative otitis media
8. Idiopathic facial nerve palsy, Bell palsy
9. Disorders of the inner ear, congenital malformations, hereditary deafness
10. Trauma of the temporal bone (longitudinal, transverse fractures)
11. Otosclerosis, tympanosclerosis
12. Fluid systems of the labyrinth, Ménière's disease, toxic lesions of the inner ear
13. Acoustic tumours, noise induced hearing losses
14. Tinnitus
15. Cochlear implantation
16. Sleep apnea

17. Benign/malignant tumours of the paranasal sinuses
18. Obstruction of the nasal airway, rhinitis (forms of rhinitis, except allergic rhinitis)
19. Allergic rhinitis
20. Fractures of the paranasal sinuses. Fronto-basal, maxillo-facial, blow-out fractures, Le Fort fractures
21. Acute and chronic rhinosinusitis
22. Tumours of the salivary glands (benign and malignant)
23. Differential diagnosis of the neck masses (neck regions I-VII, origin of metastases)
24. Infectious diseases of the oral cavity and the pharynx (peritonsillar abscess)
25. Precancerous disorders in the oral cavity, pharynx, larynx and esophagus
26. Malignant tumours in the oral cavity and pharynx (+ nasopharyngeal tumours)
27. Clinical symptoms and signs of benign and malignant diseases of the larynx, hypopharynx and base of the tongue
28. Acute and chronic infections of the larynx, acute epiglottitis, phlegmonous epiglottitis, abscess of the epiglottis
29. Benign tumours of the larynx.
30. Laryngeal cancer (supraglottic, glottic, subglottic), TNM stage
31. Congenital malformations of the neck, benign tumours of the neck
32. Thyroiditis, malignant tumours of the thyroid gland
33. Clinical signs of obstructions of the upper airways (upper airway stenosis), conicotomy, tracheotomy
34. Foreign bodies in the bronchial system, foreign bodies of the esophagus
35. Tumours of the esophagus, dysphagia
36. Vertigo in otolaryngological practice