

**OTORHINOLARYNGOLOGY & HEAD AND NECK SURGERY TRAINING
PROGRAM
(3 weeks)**

YEDİTEPE UNIVERSITY HOSPITAL

Head of the Department of Otorhinolaryngology: Yavuz Selim Pata, MD Prof.
İlhan Topaloğlu, MD Prof.
Müzeyyen Doğan, MD Assoc. Prof.
Zeynep Alkan, MD Assoc. Prof.
Sevtap Akbulut, MD Assoc. Prof.
Rasim Yılmaz, MD Assist. Prof
Ömer Faruk Birkent (Audiologist)

CLERKSHIP	OTORHINOLARYNGOLOGY <i>Aim of this clerkship is to;</i>
AIM	<ol style="list-style-type: none"> 1. convey necessary knowledge on historical development of otorhinolaryngology, current and future applications of diagnostic and treatment methods, 2. convey necessary knowledge on clinical conditions related to otorhinolaryngology (<i>head and neck oncology, rhinology, laryngology, otology, facial plastic and reconstructive surgery, voice and speech disorders, neuro-otology, audiology and hearing sciences, vestibular system, congenital and genetic diseases, head and neck cancers, allergic and immunologic diseases</i>), 3. equip students with knowledge, skills and attitudes required to manage clinical conditions related to otorhinolaryngology at primary care setting
<i>At the end of this term, student should be able to:</i>	
	1. describe external, middle and inner ear diseases
	2. explain tinnitus, hearing loss and balance problems
	3. explain basics of inner and external implant application and purpose
	4. distinguish between benign and malign tumors at basic level in oropharyngeal diseases
	5. distinguish between benign and malign tumors at basic level in nasopharyngeal diseases
	6. describe diagnosis and medical treatment of paranasal sinus diseases
	7. explain interventions to otorhinolaryngological emergencies
	8. describe diseases related to adenoid and tonsillary tissue
	9. describe diagnosis and treatment of salivary gland diseases
	10. explain assessment of laryngeal diseases at basic level
	11. distinguish between benign and malign laryngeal diseases
	12. explain basics of temporomandibular joint diseases
	13. explain basics of maxillofacial traumas and ortognatic surgery
	14. outline basics of genetic disorders related to otorhinolaryngology
	15. describe interpretation of audiological and early screening tests at basic level
	16. describe acustic and psychoacustic assessments
	17. outline diseases related to smelling and tasting
	18. describe stomatological diseases
	19. explain basics of conventional hearing devices and their indications for use
	20. describe basics and medical treatment of laryngopharyngeal reflux

	21. describe sleep apnea and snoring problem and surgical treatment of those diseases
	22. describe swallowing disorders
	23. tell surgical techniques of incision in tracheostomy, tracheotomy, coniotomy
	24. describe voice and speech disorders and treatments of those diseases
	25. tell basics of head-neck tumors and skull base diseases
SKILLS	26. make rhinolaryngological examination
	27. use laryngoscope and otoscope
	28. design medical treatments in ear, nose and throat infections
COMPETENCIES	29.1. do diagnosis of ear, nose and throat diseases,
	29.2. transfer patient to specialized center upon indication
	30.1. prepare nasal packages, 30.2. remove foreign body from ear and nose in emergency situations

ASSESSMENT TABLE

This table shows question types and assessment methods/tools used in training program.

Questions Types (Pencil-Paper Tests)	Proportion (in Pencil-Paper Tests)
Multiple Choice Questions	60%
Extended Matching Questions	25%
Key Features	10%
Short Response Essay Questions	15%
Total	100 %
Other Assessment Methods and Tools	Proportion (in Pass/Fail Decision)
Structured Oral Exam (SOE)	25%
Total	25%
Pass/Fail Decision	Proportion (in Pass/Fail Decision)
Pencil-Paper Tests	75%
Other Assessments Methods and Tools	25%
Total	100 %

Week 1

	Monday	Tuesday	Wednesday	Thursday	Friday
09.00-09.50	Introductory Session (Introduction to ENT) Yavuz Selim Pata	Lecture <i>Acute Otitis Media</i> İlhan Topaloğlu	Lecture <i>Hearing Loss</i> Müzeyyen Doğan	Lecture <i>Vertigo</i> Rasim Yilmazer	Lecture <i>Diseases of the Oral Cavity</i> Sevtap Akbulut
10.00 -10.50	Lecture <i>Anatomy and Physiology of the Ear</i> Müzeyyen Doğan	Lecture <i>Chronic Otitis Media</i> İlhan Topaloğlu	Lecture <i>Hearing Loss</i> Müzeyyen Doğan	Lecture <i>Tinnitus</i> Rasim Yilmazer	Lecture <i>Diseases of the Oropharynx</i> Sevtap Akbulut
11.00 -11.50	Clinical Experience (Outpatient) Müzeyyen Doğan	Clinical Experience (Outpatient) İlhan Topaloğlu	Clinical Experience (Outpatient) Müzeyyen Doğan	Clinical Experience (Outpatient) Müzeyyen Doğan	Clinical Experience (Outpatient) İlhan Topaloğlu
12.00 -12.50	Luch	Luch	Luch	Luch	Luch
13.00 -13.50	Clinical Experience (Outpatient) Müzeyyen Doğan	Clinical Experience (Outpatient) İlhan Topaloğlu	Clinical Experience (Outpatient) Müzeyyen Doğan	Clinical Experience (Outpatient) Müzeyyen Doğan	Clinical Experience (Outpatient) İlhan Topaloğlu
14.00 -14.50	Clinical Experience (Outpatient) Müzeyyen Doğan	Clinical Experience (Outpatient) İlhan Topaloğlu	Clinical Experience (Outpatient) Müzeyyen Doğan	Clinical Experience (Outpatient) Müzeyyen Doğan	Clinical Experience (Outpatient) İlhan Topaloğlu
15:00 17:50	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

Week 2

	Monday	Tuesday	Wednesday	Thursday	Friday
09.00-09.50	Lecture <i>Rhinitis and Sinusitis</i> <i>Yavuz Selim Pata</i>	Lecture Salivary Gland Diseases <i>Zeynep Alkan</i>	Lecture <i>Anatomy and Physiology of the Larynx</i> <i>Müzeyyen Doğan</i>	Lecture <i>Essential audiology and Newborn hearing screen</i> <i>Ömer Faruk Birkent</i>	Lecture Lymph Nodes Pathologies and Neck Masses <i>Zeynep Alkan</i>
10.00-10.50	Lecture <i>Rhinitis and Sinusitis</i> <i>Yavuz Selim Pata</i>	Lecture <i>Sleep Apnea, Snoring and their Treatments</i> <i>İlhan Topaloğlu</i>	Lecture <i>Malignant Tumors of the Larynx</i> <i>Müzeyyen Doğan</i>	Lecture <i>Essential audiology and Newborn hearing screen</i> <i>Ömer Faruk Birkent</i>	Lecture Lymph Nodes Pathologies and Neck Masses <i>Zeynep Alkan</i>
11.00 -11.50	Clinical Experience (Outpatient) <i>Yavuz Selim Pata</i>	Clinical Experience (Outpatient) <i>Yavuz Selim Pata</i>	Clinical Experience (Outpatient) <i>Müzeyyen Doğan</i>	Clinical Experience (Outpatient) <i>Ömer Faruk Birkent</i>	Clinical Experience (Outpatient) <i>İlhan Topaloğlu</i>
12.00 -12.50	Lunch	Lunch	Lunch	Lunch	Lunch
13.00 -13.50	Clinical Experience (Outpatient) <i>Yavuz Selim Pata</i>	Clinical Experience (Outpatient) <i>Yavuz Selim Pata</i>	Clinical Experience (Outpatient) <i>Müzeyyen Doğan</i>	Clinical Experience (Outpatient) <i>Ömer Faruk Birkent</i>	Clinical Experience (Outpatient) <i>İlhan Topaloğlu</i>
14.00 -14.50	Clinical Experience (Outpatient) <i>Yavuz Selim Pata</i>	Clinical Experience (Outpatient) <i>Yavuz Selim Pata</i>	Clinical Experience (Outpatient) <i>Müzeyyen Doğan</i>	Clinical Experience (Outpatient) <i>Ömer Faruk Birkent</i>	Clinical Experience (Outpatient) <i>İlhan Topaloğlu</i>
15.00 -17.50	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

Week 3

	Monday	Tuesday	Wednesday	Thursday	Friday
09.00-09.50	Lecture <i>Ent Emergencies</i> <i>Yavuz Selim Pata</i>	Clinical Experience (Outpatient) <i>İlhan Topaloğlu</i>	Lecture Congenital Laryngeal and Voice Disorders <i>Müzeyyen Doğan</i>	Clinical Experience (Outpatient) <i>Yavuz Selim Pata</i>	Assessment Session (Written Exam)
10.00-10.50	Lecture <i>Ent Emergencies</i> <i>Yavuz Selim Pata</i>	Clinical Experience (Outpatient) <i>İlhan Topaloğlu</i>	Lecture Congenital Laryngeal and Voice Disorders <i>Müzeyyen Doğan</i>	Clinical Experience (Outpatient) <i>Yavuz Selim Pata</i>	Assessment Session (Practical Exam)
11.00 -11.50	Clinical Experience (Outpatient) <i>Yavuz Selim Pata</i>	Clinical Experience (Outpatient) <i>İlhan Topaloğlu</i>	Clinical Experience (Outpatient) <i>Müzeyyen Doğan</i>	Clinical Experience (Outpatient) <i>Yavuz Selim Pata</i>	
12.00 -12.50	Lunch	Lunch	Lunch	Lunch	Lunch
13.00 -13.50	Clinical Experience (Outpatient) <i>Yavuz Selim Pata</i>	Clinical Experience (Outpatient) <i>İlhan Topaloğlu</i>	Clinical Experience (Outpatient) <i>Müzeyyen Doğan</i>	Clinical Experience (Outpatient) <i>Yavuz Selim Pata</i>	Program Evaluation Session <i>Review of the Exam Questions</i> <i>Evaluation of the Program</i> <i>Müzeyyen Doğan</i>
14.00 -14.50	Clinical Experience (Outpatient) <i>Yavuz Selim Pata</i>	Clinical Experience (Outpatient) <i>İlhan Topaloğlu</i>	Clinical Experience (Outpatient) <i>Müzeyyen Doğan</i>	Clinical Experience (Outpatient) <i>Yavuz Selim Pata</i>	
15.00 -17.50	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning