



**Study program:** Doctoral Academic Studies in Biomedical Science

**Name of the subject:** CURRENT ISSUES IN OTORHINOLARYNGOLOGY

**Teacher(s):** Slobodan N. Savović, Slobodan M. Mitrović, Dragan V. Dankuc, Slobodanka N. Lemajić-Komazec, Maja M. Buljčik Čupić, Ljiljana D. Jovančević, Danijela M. Dragičević

**Status of the subject:** elective

**Number of ЕСПБ points:** 20

**Condition:** -

**Goal of the subject**

Inform doctoral students on actualities and new advances in research studies and implementation of contemporary knowledge and technological advances in otorhinolaryngology.

**Outcome of the subject**

Widen the knowledge in numerous fields of otorhinolaryngology in the domain of new technological advances, therapeutic possibilities, implementation of new doctrines and protocols. Highlight the new approach of many unsolved problems in otorhinolaryngology especially in the field of pathophysiological mechanisms and implementation of new therapeutic possibilities.

**Contents of the subject:**

*Theoretical lectures*

1. Contemporary diagnostics and therapeutic approach to all congenital ear malformations
2. Oto endoscopy
3. Contemporary diagnostics and therapeutic approach to otogenic complications
4. Contemporary diagnostics and therapeutic approach to hearing difficulties and deafness
5. Contemporary diagnostics and therapeutic approach in vestibule biology
6. Therapeutic modalities of allergic rhinitis
7. Dysphagia.
8. Functional endoscopic nasal and paranasal cavity surgery
9. New surgical techniques and directions in treating chronic tonsillitis
10. Esophageal corrosion
11. Diagnostic therapeutic possibilities in treating dysphonia
12. Therapeutic options and new conceptions in treating head and neck carcinoma
13. Laryngeal papilloma and pseudo tumors
14. Sentinel lymph nodes of malignant tumors of the head and the neck
15. Chronic laryngitis and laryngeal pre-cancerous states

*Practical classes*

1. Overview of congenital malformations of the ear and therapeutic procedure
2. Contemporary audio diagnostics
3. Diagnostic and therapeutic possibilities in vestibulology
4. Local and systemic implementation of medicaments in treating otitis externa
5. Topo-diagnostic of the facial nerve
6. Cerebrospinal fluid and therapy
7. Herpes Zoster oticus
8. Diagnostic and therapeutic possibilities of secretory otitis
9. Diagnostic and surgical medicament treatment of otogenic complications
10. Intact eardrum and conductive hearing difficulty
11. Diagnostic of nasal and paranasal cavity disorders
12. Nose and frontal face injuries
13. Diagnostic and therapeutic possibilities in treating epistaxis
14. Алергијски ринитис, дијагностика и терапија. Носна полипоза
15. Complications from paranasal cavity inflammation. Diagnostic and therapy.
16. Benign and malignant tumors of nose and paranasal cavities
17. Sleep apnea, diagnostic and treating possibilities
18. Diagnostic and therapeutic possibilities of different causes of dysphagia

19. Diagnostic and therapy of neurogenic throat disorders
20. Diagnostic possibilities and therapeutic advances in treating chronic tonsillitis
21. Diagnostic and therapy of malignant tumors of oropharynx
22. Diagnostic and therapy of inflammatory tumorous processes on salivary glands
23. Congenital malformations of the larynx. Diagnostic and therapy.
24. Pareses and paralyses of the larynx
25. Acute and chronic inflammatory processes
26. Malignant tumors of the larynx Diagnostic and therapeutic possibilities. лигни тумори ларинкса.
27. Voice and speech disorders. Diagnostic and methods of phoniatic rehabilitation.
28. Laryngo-tracheal stenosis. Diagnostic and therapy.
29. Corosive esophagus damage.
30. Neck tumefaction

#### **Recommended literature**

##### *Obligatory:*

1. Probs R, Grevers G, Iro H. Basic Otorhinolaryngology. Theme 2006.
2. Cemal Cingi, Emin Sami Arisoy, Nuray Bayar Muluk. Pediatric ENT Infections. Springer, 2022. ISBN 978-3-030-80691-0 (eBook)  
<https://doi.org/10.1007/978-3-030-80691-0>

##### *Additional:*

1. Becker W, Naumman HH. Ear Nose Throat Disease. Theme 1994.
2. Ballenger JJ. Disease of the nose, throat, ear, head and neck. Philadelphia London: Northwestern University School of medicine. 1991.
3. Melvin A Shiffman, Alberto Di Giuseppe, Eds. Advanced Aesthetic Rhinoplasty – Art, Science and New Clinical Techniques. Berlin: Springer-Verlang Heidelberg;2013. ISBN 978-3-642-28052-8
4. Zehnhoff-Dinnesen A, Wiskirska-Woźnica A, Neumann K, Nawka T, Eds. Phoniatics I. Berlin: Springer-Verlag GmbH Germany;2020.

**Number of active classes**

**Theory: 60**

**Practice: 45**

#### **Methods of delivering lectures**

Theoretical lectures, seminaries, practical lectures

#### **Evaluation of knowledge (maximum number of points 100)**

lecture activities: 20

practical work: 10

seminars: 20

written exam: 20

oral exam: 30