

UČNI NAČRT PREDMETA / COURSE SYLLABUS

Predmet:	Otorinolaringologija
Course title:	Otorhinolaryngology

Študijski program in stopnja Study programme and level	Študijska smer Study field	Letnik Academic year	Semester Semester
Enotni magistrski študij	Medicina	5	9
Uniform Masters Degree Study	Medicine	5	9

Vrsta predmeta / Course type: Obvezni /compulsory

Univerzitetna koda predmeta / University course code:

Predavanja Lectures	Seminar Seminar	Vaje Tutorial	Klinične vaje work	Druge oblike študija	Samost. delo Individ. work	ECTS
14	7		30	24	75	5

Nosilec predmeta / Lecturer: Saba Battelino

Jeziki / Languages:	Predavanja / Lectures:	Slovenski in angleški / Slovenian and English
	Vaje / Tutorial:	Slovenski in angleški / Slovenian and English

Pogoji za vključitev v delo oz. za opravljanje študijskih obveznosti:

Izpolnjene študijske obveznosti iz prvih štirih letnikov študija.

Prerequisites:

Completed study obligations from the first four years of the study.

Vsebina: _____

Content (Syllabus outline): _____

Študenti se spoznajo s posebnostmi anatomije, fiziologije in bolezenskih stanj ušes, nosu in obnosnih votlin, ustne votline, žrela, grla in vratu s posebnim ozirom na vzroke za okvare sluha, ravnotežja, voha in okusa. Spoznajo diagnostične postopke pri ugotavljanju omenjenih bolezenskih stanj ter možnosti zdravljenja oziroma rehabilitacije teh motenj. Predstavljeno je interdisciplinarno sodelovanje.

Pri vajah se naučijo tehnike otorinolaringološkega pregleda, nujne medicinske pomoči in obravnave otorinolaringološkega bolnika ter naučeno znanje preizkusijo v stiku z bolniki.

Students get knowledge about anatomy, physiology, and pathology of ear, nose and paranasal sinuses, oral cavity, pharynx, larynx and neck, with special regard to the causes of hearing loss, smell and taste dysfunction. They become familiar with the diagnostic procedures for the previously mentioned pathologic conditions, and the possibilities of their treatment and rehabilitation. An interdisciplinary cooperation is presented.

During clinical practise they learn techniques of otorhinolaryngological examination. They also learn to apply urgent medical help and to treat otorhinolaryngological patients. The acquired knowledge is used in practise.

Temeljni literatura in viri / Readings:

Probst R, Grevers G, Iro H. Basic Otorhinolaryngology: A Step-By Step Learning Guide. 2nd ed. Thieme, 2017

Becker W, Naumann HH, Pfaltz CR. Ear, Nose and Throat diseases, Thieme, 4th ed. 2008

Battelino S., Avdiometrija, vestibulometrija in avdiološka elektroakustika v vsakdanji praksi, 3. izdaja, Ljubljana, 2022

Otorinolaringološke bolezni v vsakdanji praksi, Izbrana poglavja v 15 zvezkih, izdana od 2009-2024, izdajatelj Katedra za otorinolaringologijo MF UL idr.

Cilji in kompetence:

Razumevanje fiziologije, patofiziologije in etiologije bolezni glave in vratu, poznavanje znamenj in znakov bolezenskih stanj ušes, nosu, ustne votline, žrela, grla in vratu, diagnostičnih postopkov in zdravljenja ter nudenje prve pomoči.

Prepoznavanje in pravilno zdravljenje bolezni glave in vratu v praksi.

Objectives and competences:

To understand physiology, patophysiology and etiology of the head and neck diseases, to know the symptoms and signs of the ear, nose, oral cavity, throat, larynx, and neck pathology, the diagnostic procedures for their recognition, their treatment modalities, and the first aid procedures.

Correct diagnostics and treatment of head and neck diseases in practice.

Predvideni študijski rezultati:

Razumevanje in poznavanje teoretičnih znanj in izkušenj iz prakse, primerjava in evaluacija skladnosti med teorijo in praktičnim ravnanjem.

Samostojnost pri prepoznavanju in zdravljenju bolezni ušes, nosu, ustne votline, žrela, grla in vratu.

Intended learning outcomes:

Knowledge and understanding of the theoretical knowledge and the practical experiences, comparison and evaluation the compliance between the theory and practical handling.

Tesna povezanost različnih strok pri obravnavi bolezni glave in vratu, nujnost timskega dela.

Autonomy in identification and treatment of the ear, nose, oral cavity, throat, larynx, and neck diseases.
Close association of different disciplines in the treatment of head and neck disease, the necessity of teamwork.

Metode poučevanja in učenja:

V sklopu predmeta je 21 ur predavanj in seminarjev, 30 ur kliničnih vaj ter 24 ur drugih organiziranih oblik študija (npr. individualne konzultacije, spoznavanje s specifičnimi diagnostičnimi metodami, itd).

Learning and teaching methods:

In the course, there are 21 hours of lectures and seminars, 30 hours of practical work, and 24 hours of other types of contact hours (e.g. individual consultation, getting information about specific diagnostic procedures, etc.)

Načini ocenjevanja:

Delež (v %) /

Weight (in %)

Assessment:

Sprotno preverjanje znanja poteka v času vaj.
Izpit je praktični in teoretični. Pogoj za pristop k praktičnemu delu izpita so opravljene vaje. Pri praktičnem delu izpita študent prikaže veščine otorinolaringološkega pregleda ter osnove anatomije in fiziologije obravnavanega področja. Praktični del izpita se ocenjuje kot opravljen / ni opravljen. Teoretični izpit je ustni. K teoretičnemu delu izpita lahko študent pristopi po opravljenem praktičnem delu izpita. Študent odgovarja na 6 vprašanj iz vseh področij otorinolaringologije.

The knowledge and skills are assessed during practical work.
The course exam is practical and theoretical. The prerequisite for accession to the exam is completed practical work. The student demonstrates the skills of clinical otorhinolaryngological examination and basic knowledge about anatomy and physiology of the ear, nose, throat and neck. Practical part grades: pass / fail.
The final course exam is written and oral. The prerequisite for accession to the final exam is successful passing the practical part. The student gets 6 questions from all fields of otorhinolaryngology.

Reference nosilca / Lecturer's references:

BOŽANIČ URBANČIČ, Nina, VOZEL, Domen, STEINER, Nejc, HRIBAR, Manja, FOŠNARIČ, Iztok, ŠIFRER, Robert, URBANČIČ, Jure, BATTELINO, Saba (avtor, korespondenčni avtor). Consequences of stapes surgery on tongue morphological characteristics in narrow band imaging, gustatory function and general sensation : a prospective tertiary center study. *Applied sciences*. 2022, vol. 12, iss. 7, str. 1-15.

BOŽANIĆ URBANČIČ, Nina, VOZEL, Domen, KORDIŠ, Špela, HRIBAR, Manja, URBANČIČ, Jure, BATTELINO, Saba. Indicators of pediatric peripheral vestibular disorder : a retrospective study in a tertiary referral center. *International Journal of Pediatric Otorhinolaryngology*. [Online ed.]. Aug. 2022, vol. 159, str. 1-8

STEINER, Nejc, VOZEL, Domen, URBANČIČ, Jure, BOŽIČ, Darja, KRALJ-IGLIČ, Veronika, BATTELINO, Saba. Clinical implementation of platelet- and extracellular vesicle-rich product preparation protocols. *Tissue engineering. Part A*. 2022, vol. 28, iss. 17/18, str. 770-780

VOZEL, Domen, BOŽIČ, Darja, JERAN, Marko, JAN, Zala, PAJNIČ, Manca, PAĐEN, Ljubiša, STEINER, Nejc, KRALJ-IGLIČ, Veronika, BATTELINO, Saba. Autologous platelet- and extracellular vesicle-rich plasma is an effective treatment modality for chronic postoperative temporal bone cavity inflammation : randomized controlled clinical trial. *Frontiers in bioengineering and biotechnology*. 2021, vol. 9, art. 677541, str. 1-11

BOŽANIĆ URBANČIČ, Nina, VOZEL, Domen, URBANČIČ, Jure, BATTELINO, Saba. Unraveling the etiology of pediatric vertigo and dizziness : a tertiary pediatric center experience. *Medicina*. May 2021, vol. 57, iss. 5, str. 1-10