



UČNI NAČRT PREDMETA / COURSE SYLLABUS

Ime predmeta:	Izbrane vsebine in novosti v oftalmologiji
Course title:	Selected topics and novelties in ophthalmology

Študijski program in stopnja Study programme and cycle	Študijska smer Study option	Letnik Year of study	Semester Semester
Splošna medicina, enovit magistrski študijski program		Četrti, šesti	8., 11.
General medicine, Uniform master's degree study program		Fourth, sixth	8th, 11th

Vrsta predmeta (obvezni ali izbirni) /
Course type (compulsory or elective)

izbirni
elective

Univerzitetna koda predmeta / University course code:

Predavanja Lectures	Seminar Seminar	Vaje Tutorial			Klinične vaje Clinical training	Druge oblike študija Other forms of study	Samost. delo Individual work	ECTS
5	40	AV	LV	RV			45	3

Nosilec predmeta / Course coordinator:

izr. prof. dr. Tomaž Gračner

Jeziki /Languages:

Predavanja / Lectures: slovenski/slovene

Vaje / Tutorial: slovenski/slovene

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

Prerequisites for enrolling in the course or for performing study obligations:

Vsebina (kratek pregled učnega načrta):

Vsebino obravnavane teme izbere študent s pomočjo mentorja. Predmet obsega seminarje in individualno delo.

Naslovi predvidenih seminarjev:

1. Sindrom rdečega očesa
2. Zdravljenje sive mreže
3. Nevro-oftalmološke motnje
4. Glavkom: farmakološko in kirurško zdravljenje
5. Ambliopija in škiljenje
6. Solzni sistem: preiskave, bolezni
7. Orbita: preiskave, bolezni
8. Očesni znaki pri različnih sistemskih boleznih
9. Endokrina orbitopatija

Content (syllabus outline):

The themes are selected from the students together with mentor.

The contents of the study programme: are seminars and individual work.

Titles of suggested seminars:

1. Red eye syndromes
2. Treatment of cataract
3. Neuro-ophthalmology abnormalities
4. Glaucoma: pharmacological and surgical treatment
5. Amblyopia and strabismus
6. Lacrimal system: examination technique,

10. Diabetična retinopatija 11. Vitreoretinalne bolezni – simptomi. Pregledi, terapija 12. Retinopathia praematurorum 13. Intraokularni tumorji 14. Refraktivne motnje in njihova korekcija 15. Infekcije v oftalmologiji 16. Funkcionalna diagnostika v oftalmologiji	lacrimal diseases 7. Orbit (examination technique, orbital diseases) 8. Ocular manifestation in different systemic diseases 9. Endocrine orbitopathy 10. Diabetic retinopathy 11. Vitreoretinal diseases – symptoms, examinations, therapy 12. Retinopathy of prematurity 13. Intraocular tumors 14. Refractive errors and corrections 15. Infections in ophthalmology 16. Functional diagnosis in ophthalmology
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Temeljni literatura in viri / Reading materials:

Temeljni študijski viri so strokovne revije iz obravnavanega področja in

1. G.K. Lang: Augenheilkunde, 7th Edition 2024, Thieme
2. American Academy of Ophthalmology (all sections), Basic and Clinical science course, P.O. Box 7424, San Francisco, USA, 2024
3. J.J. Kanski: Clinical Ophthalmology. 10th Edition 2024, Elsevier
4. M.Yanof, Y.Duker. Ophthalmology 6th Edition 2022, Elsevier
5. J.F. Salomon: Kanskis synopsis of clinical Ophthalmology, 4th Edition 2022, Elsevier

Cilji in kompetence:

Študent pri izbirnem predmetu razširjeno in poglobljeno obravnava ozko izbrano temo iz celotnega obsega vsebin izbranega predmeta. Obravnava presega raven obravnave v učbeniku. Pri izbranem predmetu študent utrjuje znanja in veščine potrebne za samostojno delo in razčlenjevanje posameznih problemov na osnovi podatkov, dobljenih iz sodobne strokovne literature. Hkrati s tem utrjuje znanja in veščine, potrebne za samostojno iskanje sodobnih virov podatkov iz izbranega področja, njihovo razčlenjevanje, analizo in predstavitev. Cilj je priprava študenta na samostojno obravnavo in predstavitev posameznih tem na osnovi tekočih dogajanj v stroki.

Objectives and competences:

Chosen subject out of the electives is studied profoundly. Knowledge about the subject extends the matter given in the course book. Thus, student revise obtained knowledge and skills needed for independent work and problem analyse. Student gains experience how to look for newest data on the chosen field and on the basis of acquired modern data from professional literature learns how to classify, analyse and present them. Goal is to prepare student for competent interpretation and presentation of cutting edge professional themes.

Predvideni študijski rezultati:

Znanje in razumevanje:

Študent mora pokazati znanje na izbranem področju, ki presega osnovni nivo zahtevanega znanja in predstavlja višji nivo obravnavanega predmeta v okviru predvidenih seminarjev.

Prenesljive/ključne spretnosti in drugi atributi:

Študent mora biti sposoben poznati in obvladati ključne spretnosti vezane na seminarsko temo

Intended learning outcomes:

Knowledge and Understanding:

Student has to show knowledge which exceeds compulsory basic level and presents higher level of the selected seminars subjects.

Transferable/Key Skills and other attributes:

The student must demonstrate competency in the key skills regarding seminar theme.

Metode poučevanja in učenja:

Seminarji in individualni študij

Learning and teaching methods:

Seminars and individual work

Delež (v %) /

Načini ocenjevanja:	Share (in %)	Assessment methods:
Študent mora pripraviti pisno seminarsko nalogo in jo ustno zagovarjati.	100	The student must prepare seminar and present it orally.
ŠTUDIJSKE OBVEZNOSTI ŠTUDENTOV:-		ACADEMIC OBLIGATIONS OF STUDENTS:-
POGOJI ZA PRISTOP K POSAMEZNEMU PREVERJANJU ZNANJA:-		REQUIREMENTS FOR ACCESS TO INDIVIDUAL KNOWLEDGE CHECKING:-

Reference nosilca / Course coordinator's references:

GRAČNER, Tomaž. Screening for diabetic retinopathy : a twelve-month review. *Acta clinica Croatica*, ISSN 1333-9451, 2020, vol. 59, no. 3, str. 424-430. <https://hrcak.srce.hr/file/360118>, <http://doi.org/10.20471/acc.2020.59.03.05>, doi: 10.20471/acc.2020.59.03.05. [COBISS.SI-ID 45997059]

ŠARENAC, Tomislav, BEČIĆ TURKANOVIĆ, Anela, FERME, Peter, GRAČNER, Tomaž. A review of selective laser trabeculoplasty : "the hype is real". *Journal of clinical medicine*. Jul. 2022, vol. 11, issue 13, str. [1]-16. ISSN 2077-0383. <https://www.mdpi.com/2077-0383/11/13/3879>, <https://doi.org/10.3390/jcm11133879>, DOI: [10.3390/jcm11133879](https://doi.org/10.3390/jcm11133879). [COBISS.SI-ID [114086659](https://doi.org/10.3390/jcm11133879)]

GRAČNER, Tomaž. Impact of short-term topical steroid therapy on selective laser trabeculoplasty efficacy. *Journal of clinical medicine*. 2021, vol. 10, issue 18, str. [1]-10, ilustr. ISSN 2077-0383. <https://www.mdpi.com/2077-0383/10/18/4249>, <https://doi.org/10.3390/jcm10184249>, DOI: [10.3390/jcm10184249](https://doi.org/10.3390/jcm10184249). [COBISS.SI-ID [82697219](https://doi.org/10.3390/jcm10184249)]

GRAČNER, Tomaž. Comparative study of the efficacy of selective laser trabeculoplasty as initial or adjunctive treatment for primary open-angle glaucoma. *European Journal of Ophthalmology*. 2019, vol. 29, iss. 5, str. 524-531. ISSN 1724-6016. <https://doi.org/10.1177/1120672118801129>, <https://journals.sagepub.com/doi/10.1177/1120672118801129>, DOI: [10.1177/1120672118801129](https://doi.org/10.1177/1120672118801129). [COBISS.SI-ID [6550079](https://doi.org/10.1177/1120672118801129)]

PAHOR, Dušica, GRAČNER, Tomaž. Comparison of the ocular trauma score and pediatric ocular trauma score as two prognostic models in pediatric open globe injuries = Vergleich des Ocular Trauma Score mit dem Pediatric Ocular Trauma Score als 2 prognostische Modelle zur Behandlung von offenen Augenverletzungen bei Kindern. *Klinische Monatsblätter für Augenheilkunde*, ISSN 0023-2165, Jan. 2021, vol. 238, issue 1, str. 67-72, doi: [10.1055/a-1194-5104](https://doi.org/10.1055/a-1194-5104). [COBISS.SI-ID [51057667](https://doi.org/10.1055/a-1194-5104)]

PAHOR, Dušica, GRAČNER, Tomaž. Kataraktoperation bei Menschen im hohen Alter = Cataract surgery in very old patients. *Klinische Monatsblätter für Augenheilkunde*, ISSN 1439-3999. [Online ed.], 2020, vol. 237, issue 8, str. 938-942. <https://www.thieme-connect.de/products/ejournals/pdf/10.1055/a-0917-6966.pdf>, doi: [10.1055/a-0917-6966](https://doi.org/10.1055/a-0917-6966). [COBISS.SI-ID [6731583](https://doi.org/10.1055/a-0917-6966)],