


UČNI NAČRT PREDMETA / COURSE SYLLABUS

Predmet:	Oralna medicina
Course title:	Oral Medicine

Študijski program in stopnja Study programme and cycle	Študijska smer Study option	Letnik Year of study	Semester Semester
Dentalna medicina/Dental Medicine 2. stopnja/2nd cycle		5	9, 10

Vrsta predmeta / Course type Obvezni/ Compulsory

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
45			60		75	6

Nosilec predmeta / Lecturer: red. prof. dr. Sonja Pezelj-Ribarić

Jeziki / Predavanja / Lectures: slovenščina/slovene
 Languages: Vaje / Tutorial: slovenščina/slovene

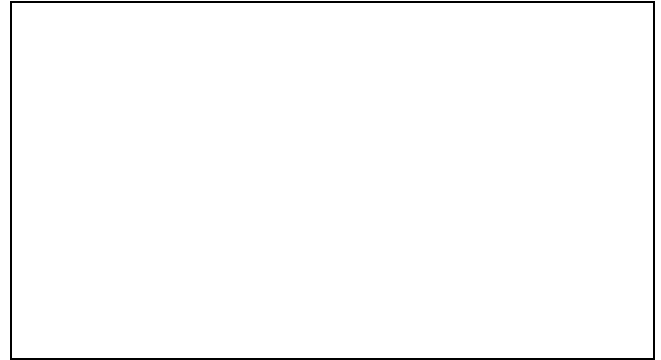
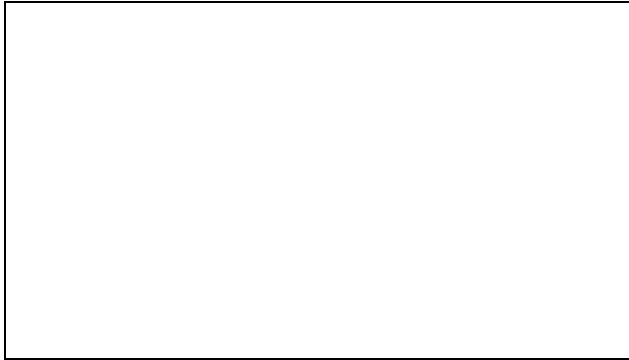
Pogoji za vključitev v delo oz. za opravljanje študijskih
 obveznosti: Prerequisites:

Vsebina:

Razvrstitev ustnih bolezni. Anatomske in histološke značilnosti, fiziološki procesi in patološke spremembe oralne sluznice. Makroskopske značilnosti in mikroskopske ugotovitve patoloških sprememb oralne sluznice. Obrambni dejavniki v ustni votlini. Diagnostični postopki pri ustnih boleznih. Oralna testiranja. Oralne indikacije za laboratorijske teste. Gensko pogojene anomalije ustne sluznice. Toksične reakcije na oralni sluznici. Neželeni učinki pri jemanju zdravil na oralni sluznici. Bolezni ustne sluznice starejših. Bolezni ustne sluznice pri mlajših. Prekancerозна stanja in lezije ustne sluznice. Paraneoplastični procesi v ustni sluznici. Bolezni žlez slinavk. Sindrom boleče in pekoče ustne sluznice. Netipično orofacialna bolečina. Fokalna okužba ustne sluznice. Načela zdravljenja ustnih bolezni. Imunološke motnje z ustnimi manifestacijami. Mukokutane avtoimunske bolezni. Alergijske reakcije na ustni sluznici. Ustna manifestacija vaskulitisa, paraproteinemia in amiloidoze. Primarne in sekundarne imunske pomanjkljivosti. Virusne, glivične in bakterijske infekcije ustne sluznice. Spremembe ustne sluznice pri respiratornih, kardiovaskularnih, krvnih, renalnih in gastrointestinalnih boleznih. Spremembe oralne sluznice pri psihosomatskih motnjah, pri pomanjkanju vitaminov, pri hormonskih in presnovnih motnjah.

Content (Syllabus outline):

Classification of the oral diseases. Anatomical and histological properties, physiological processes and pathological changes on the oral mucosa. Macroscopical changes and microscopical findings in pathological changes of the oral mucosa. Factors of defence in the oral cavity. Diagnostic procedures in oral diseases. Oral tests. Oral indication for laboratory tests. Genetically conditioned anomalies of the oral mucosa. Toxic reactions on oral mucosa. Oral mucosa conditions in the old age. Oral mucosa conditions in the young age. Pre-cancerose conditions and lesions of the oral mucosa. Paraneoplastic lesions of the oral mucosa. Salivary gland conditions. Burning mouth syndrome and painful mouth syndrome. Atypical oro-facial pain. Oral focal infections. Basic principles of oral disease therapy. Immunological disorders with oral manifestations. Mucocutaneous autoimmune diseases. Allergic reactions on the oral mucosa. Oral manifestations of vasculitis, paraproteinemia and amyloidosis. Primary and secondary immunodeficiencies. Viral, fungal and bacterial infections of the oral mucosa. Changes on the oral mucosa in respiratory, cardiovascular, renal, and gastrointestinal diseases. Changes on the oral mucosa in psychosomatic disorders, vitamin deficiencies, hormonal and metabolic disorders.



Temeljni literatura in viri / Readings:

1. Greenberg MS, Glick M. Burkets oral medicine. Diagnosis and treatment. 12 th edition, PMPH-USA, LTD, 2015
2. Color Atlas of Common Oral Diseases by Jill S. Nield-Gehrig, Robert P. Langlais and Craig S. Miller (2009, Paperback, Revised)

Cilji in kompetence:

Cilj predmeta je izobraziti študente za praktično delo na bolnikih z ustnimi boleznimi; sprejetje sodobnega znanja o ustnih boleznih, možnosti njihove diagnostike in zdravljenja ter povezati znanje splošne medicine in njeno uporabo v oralni medicini; naučiti študente o boleznih v ustih, ki so pogojene z lokalnimi dejavniki in mikroorganizmi, naučiti jih o vlogi ustnih boleznih v nastanku splošnih simptomov pri ljudeh; pripraviti študente na samostojno delo z bolniki v diagnostiki bolezni ustne sluznice; naučiti študente za samostojno izbiro terapevtskih postopkov.

Objectives and competences:

Aim of the course is to educate students for practical work on the patients suffering from oral diseases; adoption of the recent knowledge on oral diseases, possibilities for their diagnosis and treatment, as well as relating the present knowledge from general medicine to oral medicine; to teach students about mouth diseases conditioned by the local factors and microorganisms, to teach them about the role played by oral diseases in rise of general symptoms in the human organism; to prepare students for independent work with patients regarding oral disease diagnosis; to teach students to choose independently the therapy of choice.

Predvideni študijski rezultati:

Znanje in razumevanje:

Poznati epidemiologijo, etiologijo in klinično sliko različnih oralnih in bolezni slinavk ter atipične orofacialne bolečine (sindrom pekočih ust in spremembe okusa);
 Poznati diagnostične postopke za najpogostejše ustne bolezni in možnosti njihovega zdravljenja;
 Poznati in primerjati obstoječe znanja iz splošne medicine in to znanje uporabiti za ustno medicino;
 Spoznati, kakšno vlogo imajo oralne bolezni pri pojavu splošnih simptomov v človeškem organizmu
 Analizirati podatke iz bolnikove zdravstvene anamneze
 Opisati in opredeliti lokalno stanje pri diagnostiki ustnih bolezni
 Znati klinično pregledati mehke obloge in zobni kamen, edem mastikatorne ustne sluznice, določiti krhkosti kapilar, opredeliti maligne spremembe ustne sluznice s toluidinskim modrilom, opredeliti kserostomijo, vaskularne in pigmentirane eflorescence ustne sluznice,

Intended learning outcomes:

Knowledge and understanding:

Know to define epidemiology, etiology and clinical presentation of various oral and salivary pathologies, and atypical oro-facial pain (burning mouth syndrome and taste alterations);
 Know to do diagnostic procedures for the most common oral diseases and possibilities of their treatment;
 Know compare present knowledge from general medicine and to be able to apply this knowledge to oral medicine;
 Know to define the role of oral diseases in the appearance of general symptoms in the human organism
 To be able to analyse data from the patient's medical history
 To be able to describe and define local status in oral disease diagnosis
 Know to perform clinical tests of the soft deposits and calculus, masticatory mucosal edema, capillary fragility, malignant changes of the oral mucosa using Toluidine blue, xerostomia, vascular and pigmented efflorescences



<p>akantolize s testom Nikolskega (Nikolsky-test), pH sline, oralni galvanizem.</p> <p>Določiti indikacije, kdaj je potrebno bolnika napotiti na: mikrobiološke teste, eksfoliativno-citološke teste, jemanje vzorcev biopsije</p> <p>Določiti indikacije za laboratorijsko testiranje (KKS, čas strjevanja krvi, testiranje delovanja želodca, testiranje delovanja jeter in trebušne slinavke, analiza urina, splošno testiranje alergije, RTG slikanje, sialografija, CT, MR, ehografija).</p> <p>Znati opraviti začetno zdravljenje ustnih bolezni</p> <p>Usposobljen za pripravo pisnega zdravniškega poročila</p> <p>Znanja in spretnosti so podrobneje opisane v Katalogu znanj in spretnosti.</p>	<p>of the oral mucosa, acantholysis Nikolsky-test, pH value of saliva, oral galvanism</p> <p>To be able to discern indications when it is necessary to refer patient for: microbiological tests, exfoliative-cytological tests, taking biopsy samples</p> <p>To be able to discern indications when it is necessary to refer patient for laboratory testing (CBC, clotting time, gastric function tests, liver and pancreas functional testing, urine analysis, general allergy testing, taking X-rays, sialography, CT scans, MRI, echography).</p> <p>Know to perform the initial therapy of the oral diseases</p> <p>To be able to draw up a written medical report</p> <p>Knowledge and skills are described in more detail in the Catalogue of Knowledge and Skills.</p>
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Metode poučevanja in učenja:**Learning and teaching methods:**

<p>Predavanja</p> <p>Klinične vaje</p>	<p>Lectures</p> <p>Clinical training</p>
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Delež (v %) /**Načini ocenjevanja:****Weight (in %)****Assessment:**

Način (pisni izpit, ustno izpraševanje, naloge, projekt)	Delež (v %) / Weight (in %)	Type (examination, oral, coursework, project):
Kolokvij 20 %	20 %	Preliminary exam 20%
Zaključni izpit ima:		Final exam will have:
- pisni del 40 %	40 %	- oral part 40 %
- ustni del 40 %.	40 %	- and written part 40 %.

Reference nosilca / Lecturer's references:

- Šimunović Šoškić M, **Pezelj-Ribarić S**, Brumini G, Glažar Irena, Gržić R, Miletić I. Salivary levels of TNF-alpha and IL-6 in patients with denture stomatitis before and after low-level laser therapy. *Photomedicine and laser surgery*. 2010, 2; 189-193 (CC)
- Persić R, Kqiku L, Brumini G, Husetić M, **Pezelj-Ribarić S**, Brekalo Prso I, Städtler P. Difference in the periapical status of endodontically treated teeth between the samples of Croatian and Austrian adult patients. *Croat Med J*. 2011 Dec 15;52(6):672-8.(CC)
- Šimunović Šoškić M, Juretić M, Kovač Z, Cerović R, Uhač I, Antonić R, **Pezelj-Ribarić S**. Implant Prosthetic Rehabilitation of the Patients with Mandibular Resection Following Oral Malignoma Surgery. *Coll Antropol* 2012 36(1): 301-305 (CC)
- Prpić J, Kuis D, Pezelj-Ribarić S. Obesity and oral health--is there an association? *Coll Antropol*. 2012 Sep;36(3):755-9. (CC)
- Pezelj-Ribarić S**, Kqiku L, Brumini G, Urek MM, Antonić R, Kuis D, Glažar I, Städtler P. Proinflammatory cytokine levels in saliva in patients with burning mouth syndrome before and after treatment with low-level laser therapy. *Lasers Med Sci*. 2013;28(1):297-301 (CC)
- Juretić M, Cerović R, Belušić-Gobić M, Brekalo Pršo I, Kqiku L, Špalj S, **Pezelj-Ribarić S**. Salivary levels of TNF- α and IL-6 in patients with oral premalignant and malignant lesions. *Folia Biol (Praha)*. 2013;59(2):99-102.