

**UČNI NAČRT PREDMETA / COURSE SYLLABUS**

<b>Predmet:</b>	<b>Parodontologija 1</b>
<b>Course title:</b>	<b>Periodontology 1</b>

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		4	8

Vrsta predmeta / Course type:

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
15	30				45	3

Nosilec predmeta / Lecturer:

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

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

**Vsebina:**  
 Mikrobiologija (oralni biofilmi in zobni kamen, parodontalne bolezni, periimplantna okužba); interakcije med gostiteljem in mikroorganizmi (patogeneza bolezni obzobnih tkiv, modificirajoči dejavniki); patologija parodontalnih bolezni (bolezni dlesne povzročene s plakaom, kronični parodontitis, agresivni parodontitis, nekrotizirajoča parodontalna bolezen, parodontalna bolezen kot dejavnik tveganja za razvoj sistemske bolezni); periimplantna patologija; načrt (protokol) pregleda pacientov (pregled pacientov s parodontalno boleznijo, pregled pacienta s periimplantitizom); protokoli načrtovanja zdravljenja (načrtovanje zdravljenja pacientov s parodontalno boleznijo, načrtovanje implantološkega zdravljenja pri pacientih s parodontalno boleznijo, sistemska faza zdravljenja parodontalne bolezni); inicialno parodontalno zdravljenje (motivacijski intervju, mehanična in kemična kontrola zobnih oblog, nekirurško zdravljenje).

**Content (Syllabus outline):**  
 Microbiology (oral biofilms and calculus, periodontal infection, periimplant infection); interactions between the host and parasite (pathogenesis of periodontitis, modifying factors); periodontal pathology (gingival disorders caused by plaque, chronic periodontitis, aggressive periodontitis, necrotizing periodontal diseases, periodontal diseases as a risk factor for systemic diseases); periimplant pathology; patient examination protocols (examining the patient with periodontal disease, examining the patient with periimplant disease); therapy planning protocols (planning the periodontal therapy, planning the implant therapy in patients with periodontitis, systemic phase of therapy); initial periodontal therapy (motivational interview, mechanical and chemical plaque control, non-surgical therapy)

**Temeljni literatura in viri / Readings:**

1. Jan Lindhe, Niklaus P. Lang, Thorkild Karring. Clinical Periodontology and Implant Dentistry, 6th edition, Oxford, Wiley Blackwell Publishing Ltd., 2015.
2. Michael G. Newman, Henry H. Takei, Fermin A. Carranza. Carranza's Clinical Periodontology, 11th edition, Philadelphia, WB Saunders Co., 2011.

**Cilji in kompetence:**

Cilj predmeta je poznavanje osnov parodontologije v smislu poznavanja osnovne terminologije, osnovnih diagnostičnih orodij in postopkov, osnovnih elementov strokovne in osebne oskrbe za zdravje ustne votline, predvsem podpornih in obzobnih tkiv ustne votline. Poleg tega mora študent poznati osnove histologije, anatomije, morfologije in topografske značilnosti podpornega aparata zob in zobnih vsadkov; osnove etiopatogeneze parodontalnih in periimplantnih bolezni ter osnove začetnega zdravljenja parodontalnih in periimplantnih bolezni. Praktični del predmeta se sestoji iz predkliničnega dela, kjer študent pridobi znanja in veščine potrebne za izvajanje celovite parodontološke terapije.

**Predvideni študijski rezultati:**

Znanje, ki ga študent pridobi: mikroskopske, klinične in rentgenske značilnosti parodontalnih in periimplantnih bolezni; vloga bakterij v etiologiji parodontalnih in periimplantnih bolezni, vloga gostitelja pri etiologiji parodontalnih in periimplantnih bolezni; patogeneza in klinična slika parodontalne in periimplantne bolezni; interakcije parodontalnih in sistemskih bolezni. Spretnosti, ki jih študent pridobi in obvlada: prepoznavanje parodontološkega instrumentarija, držanje in uporaba ročnih instrumentov za instrumentacijo površine korenine, supragingivalna ročna instrumentacija na modelu, subgingivalna ročna instrumentacija na modelu, sondiranje na modelu čeljusti.

**Metode poučevanja in učenja:**

Predavanja  
Seminarji

**Načini ocenjevanja:**

Izdelava in predstavitev seminarskega dela (50 %)  
Pisni izpit (50 %)

**Objectives and competences:**

The aim of the course is to teach students basics of periodontology, e.g. introduction of the basic terminology, basic diagnostic means and procedures, basic elements of professional and personal oral health care, especially the supporting tissues and soft tissues of the oral cavity. Furthermore, the student must, upon completion of the course, be familiar with histological, anatomical, morphological and topographic properties of the supporting tissues of both teeth and implants, basics of etiopathogenesis of periodontitis and periimplantitis, as well as basics of the initial therapy of periodontal and periimplant diseases. Practical component of the course is comprised of pre-clinical practice where students will gather knowledge necessary for understanding the basics of mechanical therapy and acquirement of conditions which are prerequisite for the overall periodontal therapy.

**Intended learning outcomes:**

Knowledge which needs to be demonstrated at the end of the course: microscopic, clinical and radiological properties of periodontal and periimplant diseases; role of bacteria in etiology of periodontal and periimplant disease; role of the host in etiology of periodontal and periimplant diseases; pathogenesis and natural course of periodontal and periimplant diseases; interactions between periodontal and systemic diseases. Skills to be mastered at the end of the course: recognition of periodontal instruments, handling and use of manual instruments used for root debridement, supragingival manual scaling on artificial jaws, subgingival manual scaling on artificial jaws, probing on artificial jaws.

**Learning and teaching methods:**

Lectures  
Seminars

**Delež (v %) / Assessment:  
Weight (in %)**

Izdelava in predstavitev seminarskega dela (50 %)	50 %	Seminary work (50 %)
Pisni izpit (50 %)	50 %	Written exam ( 50 %)

**Reference nosilca / Lecturer's references:**

1. Uhač I, Tariba P, Kovač Z, Simonić-Kocijan S, Lajnert V, Fugošić-Mesić V, **Kuiš D**, Braut V. Masticatory muscle and temporomandibular joint pain in Croatian war veterans with posttraumatic stress disorder. *Coll Antropol* 2011; 35: 1161-1166. (impakt faktor za 2011. je 0.614)
2. Lajnert V, Pavičić DK, Gržić R, Kovač Z, Pahor D, **Kuiš D**, Simonić-Kocijan S, Bakarčić D. Influences of age and maxillary anterior teeth status on patient's satisfaction with dental appearance and tooth colour. *Gerodontology* 2012; 29: e674-9. (impakt faktor za 2012. je 1.828)
3. Prpić J, **Kuiš D**, Pezelj-Ribarić S. Obesity and Oral Health – Is There an Association?. *Collegium antropologicum* 2012; 36: 755-9.
4. Pezelj-Ribarić S, Kqiku L, Brumini G, Urek MM, Antonić R, **Kuiš 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. *Laser Med Sci* 2013; 28: 297-301. (impakt faktor za 2013. je 2.419)
5. Snjaric D, Carija Z, Braut A, Halaji A, Kovacevic M, **Kuis D**. Irrigation of human prepared root canal – ex vivo based computational fluid dynamics analysis. *Croat Med J.* 2012; 53: 470-9.
6. **Kuis D**, Sciran I, Lajnert V, Snjaric D, Prpic J, Pezelj-Ribaric S, Bosnjak A. Coronally advanced flap alone with connective tissue graft in the treatment of single gingival recession: a long-term randomized clinical trial. *J periodontol* 2013; 84: 1576-85. (impakt faktor za 2013. je 2.565)
7. Prpić J, **Kuiš D**, Ribarić Pezelj S. Association of obesity with periodontitis, tooth loss and oral hygiene in non-smoking adults. *Cent Eur J Public Health* 2013; 21: 196-201. (impakt faktor za 2013. je 0.798)