

Tantárgy

KÖVETELMÉNYRENDSZER

Semmelweis University Faculty of Dentistry. Clinics of Periodontology		
Tantárgy neve: Periodontology IV. Tantárgy típusa: compulsory (1,5L2P) kódja: FOKOPDK213_4A kreditértéke: 3		
Tantárgy előadójának neve: Prof. Péter Windisch		
Tanév: 2019/20. II.		
A tantárgy feladata a képzés céljának megvalósításában: Periodontology is a basic, conceptual subject in the undergraduate curriculum of dental students, with a definite aim to teach modern, evidence based methods of periodontal diagnostics and treatments. Providing students with up-to-date knowledge of periodontics and related implant dentistry. Practices of Periodontology IV are held in the treatment units of the Department of Periodontology in the form of 'Rotation' (3 whole clinical workdays), providing opportunity for the students to observe and participate periodontal treatments as a whole in addition, to assist periodontal and/or implant surgeries.		
A tárgy tematikája (lehetőleg heti bontásban, sorszámozva):		
5th year 70 min, Árkövy terem		Monday 8.00-9.10
Biology of periodontal and periimplant tissues	WP	február 3.
Periodontal aspects of implantology, augmentations I.	WP	február 10.
Periodontal aspects of implantology, augmentations II.	WP	február 17.
Is periodontitis a risk factor in implant dentistry?	HA	február 24.
Periimplantitis. Background and management	MB	március 2.
Comprehensive case presentations I. (<i>perio-prot direct/indirect, surg</i>)	GI	március 9.
Comprehensive case presentations II. (<i>perio/plastic surg - impl</i>)	MB	március 16.
Comprehensive case presentations III. (<i>perio-non-surg/surg - impl</i>)	HA	március 23.
Supportive therapy in periodontology and implant dentistry	HA	március 30.
<i>Easter recess</i>		április 6.
<i>Easter Monday</i>		április 13.
Consultation: Periodontal diagnostics	GI	április 20.
Written exam	WP/GI	április 27.
Clinical session pensum Diagnosis - (new patient examination) (3) Complex treatment planning – determination of perio-(implant)-prosthetic prognosis (1) Non surgical therapy. Supra and subgingival scaling. Root planning (local anaesthesia) (3) Assisting in surgery (2)		

<p>A foglalkozásokon való részvétel követelményei és a távolmaradás pótlásának lehetősége: completing the administration work for closing the previous semester and obtaining the prerequisites (index). Proper uniform matching the rules with a name plate. Learning and understanding the course description (requirements and rules of the subject) presented by the instructor of a given group and certified by each student's signature. Absence in accordance with the The Study and Examination Policy of Semmelweis University Faculty of Dentistry with no possibility to substitute lectures. Participation in lectures is certified by students' signature on the attendance sheet. The participation on the three day clinical session is mandatory - no absences are accepted. One missed clinical class can be substituted by the show up on another workday at the Periodontal Clinic with the knowledge and permission of the practice leader</p>
<p>Az igazolás módja a foglalkozásokon és a vizsgán való távollét esetén: In accordance with the The Study and Examination Policy of Semmelweis University Faculty of Dentistry</p>
<p>A félévközi ellenőrzések (beszámolók, zárthelyi dolgozatok) száma, témaköre és időpontja, pótlásuk és javításuk lehetősége: Midterm multiple choice tests: 15-20 questions with single correct answer test in middle of the semester. The passing grade is above 60% of the questions. Grading: satisfied /failed.</p> <p>Substitution: midterm test is mandantory and can be substituted once at appointment provided by the lecturer or the practice instructor.</p>
<p>A félév végi aláírás követelményei (ideértve a hallgató egyéni munkával megoldandó feladatainak számát és típusát is): participation in lectures with absences in accordance with The Study and Examination Policy of Semmelweis University Faculty of Dentistry. 'Satisfied' grade in the midterm test Fulfilling the clinical requirements at the clinical session ('pensum') certified by the doctor in attendance on each given day.</p>
<p>Az osztályzat kialakításának módja: Final grade is based on the results of the written and the oral examination. Grading from 1 to 5.</p>
<p>A vizsga típusa: Written and oral final exam</p>
<p>Vizsgakövetelmények: All curricular matter of the lectures and practices of Periodontology I-IV. is questioned during the written and oral exam.</p> <p><u>Written final exam-</u> slide diagnostics : 25 clinical slides (15 diagnoses with test and 10 slide diagnoses in essay). Qualifications for the slide diagnostics: The passing grade is above 60% (15 slides)</p> <p><u>Oral exams:</u> students first must answer some questions on trivial and necessary knowledge. After answering those successfully, two topics are chosen (randomly) from the 60 questions.</p> <p><i>Periodontology final exam topics</i></p> <ol style="list-style-type: none"> 1. Macroscopic and microscopic anatomy of the gingiva 2. Macroscopic-, microscopic anatomy and function of the attachment apparatus 3. Normal macroscopic-, microscopic anatomy and function of the gingival sulcus 4. Development of periodontal tissues and biology of the alveolar bone 5. Normal defensive functions of periodontal tissues 6. The mechanism of plaque and calculus accumulation 7. Light-, and electromicroscopic structure of the dental plaque 8. Microbiology of supragingival dental plaque 9. Microbiology of subgingival dental plaque, periopathogen microorganisms 10. The experimental gingivitis model – Histology and immunology of initial gingivitis

11. Histology and immunology of onset and developed gingivitis
12. Histology and immunology of initial periodontitis
13. The role of PMN leukocytes, monocytes and systemic factors in the pathomechanism of periodontitis
14. The role of local factors in the pathomechanism of periodontitis; elimination of local plaque retentive factors
15. Progression of the untreated periodontal disease
16. Classification of periodontal diseases
17. Clinical and subjective symptoms of plaque-induced gingivitis
18. Gingivitis with systemic background and paired with deficiency diseases
19. Connection of periodontitis and smoking
20. The periodontal pocket as a focal infection (systemic connections of periodontitis)
21. Non plaque-induced gingival diseases
22. The role of attached gingiva in the mechanical defense of the periodontium
23. Causes and consequences of gingival recession, tooth neck hypersensitivity
24. Drug-induced gingival hyperplasia, pregnancy-associated gingivitis
25. Chronic, adult periodontitis
26. Microbiology, genetic and immune background of aggressive periodontitis
27. Treatment of aggressive periodontitis
28. Oral hygiene indexes
29. Diagnosis of gingivitis, gingival indexes
30. Periodontal indexes. Significance of CPITN/PSR/BPE index systems
31. Periodontal clinical diagnostic parameters, radiology, furcation lesions
32. Epidemiology of periodontal diseases
33. Prevention of periodontal diseases
34. Treatment of acute periodontal conditions
35. Main phases of complex periodontal therapy
36. Acquiring effective individual oral hygiene
37. Professional oral hygiene, tools
38. Chemical plaque-control and systemic antibiotic treatment
39. Reevaluation after the professional oral hygiene phase
40. Fundamentals of periodontal surgery, indications and contraindications
41. The role of gingivectomy in contemporary periodontal surgery
42. Apically repositioned flap surgical techniques and the treatment of severe horizontal bone loss
43. The modified Widman flap
44. Treatment options for vertical bone defects
45. Healing and regenerative potential of different periodontal tissues
46. Fundamentals and history of Guided Tissue Regeneration
47. Classification of periodontal flaps, incisions and suture techniques in periodontal surgery
48. Resorbable, and non-resorbable barrier membranes
49. Biological and biochemical tissue regeneration (morphogenic proteins, enamel matrix derivate)
50. Bone replacement grafts and autogenous bone in periodontal regeneration
51. Mucogingival surgery, correction of recessions, the Miller classification
52. Periodontal considerations in prosthodontics, correction of secondary occlusal trauma, grinding, and prosthetic rehabilitation
53. Indications and technical possibilities of creating temporary and semipermanent splints
54. Borders of endodontics and periodontology
55. Periodontal maintenance and recall. Determinants of recall intervals. Criteria for successful periodontal treatment
56. Connection between periodontology and orthodontics. Guidelines for orthodontic treatment of periodontally affected patients
57. Alveolar ridge preservation
58. The biological width around teeth and implants

59. Aspects of implant placement in periodontally affected patients
60. The definition of periimplant mucositis and periimplatitis. Treatment options

A vizsgajelentkezés módja: In Neptun program only for enlisted exam days, otherwise in accordance with the The Study and Examination Policy of Semmelweis University Faculty of Dentistry.

A vizsgajelentkezés módosításának rendje: In accordance with the The Study and Examination Policy of Semmelweis University Faculty of Dentistry.

A vizsgáról való távolmaradás igazolásának módja: In accordance with the The Study and Examination Policy of Semmelweis University Faculty of Dentistry.

A tananyag elsajátításához felhasználható jegyzetek, tankönyvek, segédletek és szakirodalom listája:

Lindhe J. (et al)(szerk): Clinical Periodontology and Implant Dentistry (Blackwell 2008)