



Facultatea de Medicină Dentară
Departamentul III
Clinica universitară Parodontologie
Șef de lucrări universitar, pozitia 29

TEMATICA PROBEI ORALE

1. Anatomia, structura si functia parodontiului (2). Parodontiul si imbatranirea.
2. Introducere la noua clasificare a starilor si bolilor parodontale si peri-implantare WWC2017.
3. Abcesele parodontale. Leziunile endo-parodontale. Diformitati si stari mucogingivale.
4. Forte traumatice ocluzale. Protezele dentare si factori legati de dinti. Boli si stari peri-implantare. Bazele epidemiologiei bolii parodontale.
5. Concepte de baza in imunitate si inflamatie.
6. Rolul tartrului dentar si al altor factori predispozanti.
7. Mecanisme de aparare ale gingiei. Inflamatiile gingivale. Trasaturile clinice ale gingivitei.
8. Cresterile in volum ale gingiei. Infectii acute gingivale. Gingivita descuamativa.
9. Punga parodontala. Pierderile de suport osos si patternuri de distructie osoasa.
10. Parodontita necrozanta. Probleme parodontale la pacientii cu HIV.
11. Evaluarea riscului clinic. Determinarea prognosticului. Planul de tratament parodontal.
12. Tratamentul bolilor gingivale acute: gingivita necrotica, gingivostomatita herpetica primara, pericoronarita. Tratamentul abcesului parodontal. Leziunile endo-parodontale
13. Pasii I si II ai terapiei parodontale. Motivatiile pacientului, controlul placii si al biofilmului supragingival, instrumentarea subgingivala.
14. Terapia parodontala antiinfectioasa sistemica. Substante antimicrobiene cu eliberare locala controlata.
15. Terapia de modulare a gazdei. Terapia interdisciplinara orto-parodontala.
16. Pasul III al terapiei parodontale. Terapia chirurgicala. Tratamentul cresterilor de volum ale gingiei.
17. Chirurgia osoasa resectiva. Chirurgia regenerativa si reconstructiva a parodontiului.
18. Chirurgia parodontala plastica si estetica. Utilizarea concentratelor trombocitare.
19. Pregatirea parodontiului pentru terapia restaurativa. Interrelatiile restaurative.
20. Terapia suportiva parodontala. Terapia suportiva implantara.
21. Componentele microscopului operator dentar (MOD) : obiectivul, corpul microscopului, schimbatorul de magnificare, sistemele varioscop, comenzile electronice, sistemele de suspensie libera, franele magnetice.
22. Microscopul operator dentar in endodontie: introducerea, microinstrumentarul endodontic; conjugarea MOD cu aparatura ultrasonica in asistarea detectarii, permeabilizarii, largirii si re-permeabilizarii canalelor radiculare
23. Microscopul operator dentar in endodontie: tratamentul microchirurgical al afectiunilor parodontiului apical: lamboul submarginal, lamboul de acces, prepararea si obtinerea retrograda, suturi speciale
24. Microscopul operator dentar in microchirurgia orala: instrumentar, incizii, suturi, evaluarea vindecarii post-microchirurgicale
25. Ergonomia lucrului cu microscopul operator dentar
26. Clasificarea tehnicilor chirurgicale in parodontologie. Principii generale de chirurgie parodontala. Instrumentarul chirurgical parodontal. Tehnici de sutura in chirurgia parodontala/mucogingivala.



27. Proceduri de restaurare a atasamentului tisular: chiuretajul gingival; ENAP; lamboul deschis pentru debridare (chiuretajul “in camp deschis”, operatia Widman modificata, lamboul ne-deplasat (“cu bizou invers”) & “lamboul palatinal”.
28. Chirurgia osoasa resectiva de expunere a cariilor subgingivale in apropierea marginii alveolare, de reducere a defectelor intraosoase, de tunelizare la furcatiile de gradul III, din cadrul rezectiilor si amputatiilor radiculare.
29. Tehnici recente avansate de chirurgie parodontala conventionala: prezervarea papilara, MIST, lamboul unic.
30. Tehnici clasice si moderne de acoperire radiculara.

EXAM TOPICS FOR THE TEACHING LECTURE

1. Anatomy, structure and function of the periodontium. Aging and the periodontium.
2. Introduction to the New Classification for Periodontal and Peri-Implant Diseases and Conditions WWC2017.
3. Periodontal abscesses. Endodontic-periodontal lesions. Mucogingival deformities and conditions.
4. Traumatic occlusal forces. Dental prostheses and tooth-related factors. Peri-implant diseases and conditions. Fundamentals in periodontal disease epidemiology.
5. Basic concepts in immunity and inflammation.
6. The role of dental calculus and other local predisposing factors.
7. Defense mechanisms of the gingiva. Gingival inflammation. Clinical features of gingivitis.
8. Gingival enlargement. Acute gingival infections. Desquamative gingivitis.
9. The periodontal pocket. Bone loss and patterns of bone destruction. Periodontal response to external forces
10. Necrotizing periodontitis. Periodontal problems in patients with HIV.
11. Clinical risk assessment. Determination of prognosis. The treatment plan.
12. Treatment of acute gingival diseases: necrotizing gingivitis, primary herpetic gingivostomatitis, pericoronitis. Treatment of periodontal abscess. Endodontic-periodontic lesions
13. Steps I and II of periodontal therapy. Motivation, plaque and biofilm control for periodontal patients, control of risk factors. Subgingival instrumentation.
14. Systemic anti-infective therapy for periodontal diseases. Locally delivered, controlled-release antimicrobials.
15. Host modulation. Interdisciplinary orthodontic-periodontal therapy.
16. Step III of periodontal therapy. Periodontal surgical therapy. Treatment of gingival enlargement.
17. Resective osseous surgery. Periodontal regeneration and reconstructive surgery. Furcations: involvement and treatment.
18. Periodontal plastic and aesthetic surgery. Leukocyte- and platelet-rich fibrin.
19. Preparation of the periodontium for restorative dentistry. Restorative interrelationships.
20. Supportive periodontal treatment. Supportive implant treatment.
21. The component parts of the dental operating microscope (DOM): the objective lens, the microscope body, the magnification changer, the varioscope system, the electronic commands, the free floating and balance systems, the magnetic brakes.
22. The DOM in Endodontology: introduction, the microendodontic armamentarium, the association between magnification & ultrasounds in assisting the detection, permeabilization, enlargement & re-permeabilization of root canals.



23. The DOM in Endodontology: microsurgical treatment of apical lesions, the endodontic submarginal flap, the access flap for endodontic lesions, the preparation of the apical box under magnification, special suture techniques.
24. The DOM in Oral Microsurgery: armamentarium, incisions, sutures, evaluation of healing of microsurgical wounds
25. Ergonomy of Working with the DOM
26. Classification of surgical techniques in Periodontology. General principles of periodontal surgery. Periodontal surgical instruments. Suturing techniques in periodontal/mucogingival surgery.
27. Tissue attachment restoring procedures: gingival curettage; ENAP; open-flap debridement ("open-field" curettage, the modified Widman operation, the non-displaced flap ("inverse bevel") & "palatal flap").
28. Gingival resective procedures (gingivectomy). Alveolar bone resective procedures (Apically Positioned Flap with Resective Bone Surgery). Resective procedures for multi-rooted teeth (root resection and amputation). Special resective procedures (excision of thickened gingival sections from edentulous ridges, excision of “wedges”).
29. Recent advanced techniques in conventional periodontal surgery: papilla preservation techniques, MIST, the single-flap technique.
30. Classical and recently proposed root coverage techniques.

BIBLIOGRAFIE

1. Parodontologie. Suport de curs pentru studentii anului VI Medicina Dentara.
2. Newman MG, Takei HH, Klokkevold PR, Carranza FA. Newman and Carranza's Clinical Periodontology, 13th Ed., Elsevier, W.B.Saunders Company, 2018.
3. Microscopie Dentara. Suport de curs pentru studentii Facultatii de Medicina Dentara
4. ***ZEISS. Microscopic dentistry. A practical guide. Carl Zeiss Meditec AG, 2014.
5. Michael G. Newman, Perry R. Klokkevold, Satheesh Elangovan, Yvonne Kapila. Edited by Fermin A. Carranza, Henry Takei. Newman and Carranza's Clinical Periodontology and Implantology, 14th ed., Elsevier, 2023, cap. 68 Periodontal Microsurgery.
6. Adrian Kasaj, editor – Gingival Recession Management. A Clinical Manual. Springer, 2018.