

**MEDICAL UNIVERSITY – PLOVDIV
FACULTY OF DENTAL MEDICINE**

SYLLABUS

IN

**PERIODONTOLOGY AND ORAL MUCOSA
DISEASES**

Approved by the Department Council – Protocol № 2/23.01.2024

Confirmed by the Faculty Council – Protocol № 5/24.04.2024

Uppgrated by the Department Council – Protocol № 6/11.09.2025

CURRICULUM

Discipline	Exam	Academic hours				ECTS non-auditorium classes	ECTS total	Academic hours in years and semesters			
								IV st year		V st year	
		Total	Lectures	Practicals	ECTS			VII	VIII	IX	X
Periodontology and oral diseases	X	210	60	150	11,3		11,3	1/1	1/2	1/3	1/4

Discipline: Periodontology and oral mucosa diseases

Type of discipline:

Compulsory

Degree:

Master's degree

Forms of training:

Lectures, seminar exercises, practical training, self-study

Course length:

Four semesters

Academic hours:

60 lecture hours, 150 exercise hours.

Training methods:

Multimedia presentations, practical working on phantom models and patients, discussions, monitoring tests, interpretation of case reports, demonstrations of prophylaxis and treatment methods and protocols

Forms of assessment:

Ongoing monitoring, seminars and colloquia, tests, semester examination

Formation of ongoing monitoring:

Average score from practical and theory exams

Aspects of assessment:

Participation in discussions, seminars and colloquia, monitoring tests

Semester examination:

Incoming test, practical exam, written and oral theory exam.

State examination:

Written and oral theory exam

Tutor:

Habilitated professors of periodontology and oral mucosa diseases

ANNOTATION

The main goal of students' education in the department of periodontology is to learn and build skills, necessary for making the diagnosis, treatment and prophylaxis of periodontal diseases.

The main task of dental medicine doctors is to achieve independent clinical decision making skills and practical manual skills in regard to diagnostic, clinical and treatment process and approaches in periodontal pathology.

The education is orientated to the increasing needs for integrated and specialized approach with good qualified doctors for the sphere of periodontal diseases, systemic conditions, modified by periodontal pathology, periimplant complications and oral mucous diseases.

Periodontology is a basic clinical discipline, detailed studied, in attempt to meet the needs of adequate treatment of the periodontal diseases, which are very widely spread and socially significant problems.

MAIN GOALS OF THE EDUCATION COURSE

Main goals of the curriculum are aimed at:

1. Learning the basic up-to-date theoretical knowledge and practical skills in periodontology, implantology and oral mucous diseases.
2. Students' training in maintaining the periodontal health as a part of systemic health of the patient. Students' training how to offer the highest quality of patients care.
3. Training how to identify and control the main etiologic factors, responsible for disease initiation and progression.
4. Training how to identify and manage basic and additional risk factors, responsible for disease initiation and progression.
5. Acquiring of practical and communicative skills for patient motivation and instructions for doing the optimal personal oral care procedures.
6. Learning of the main disease mechanisms, occurring in the periodontal structures and oral mucous, also in periimplant conditions.
7. Learning the basic principles for implant restoration and possible complications.
8. Introduction to basic systemic conditions, which modify the course of progression of periodontal diseases.
9. Systemic education (theoretical and practical) for learning the basic approaches (non-surgical and surgical) in the treatment of periodontal and oral diseases.
10. Learning how to collect and interpret clinical and diagnostic information and knowledge about modern concepts for periodontal diseases and treatment protocols and prophylaxis.
11. Learning for clinical decision making, interpretation and assessment of clinical situations.

12. Achievement of necessary behavioral (moral and ethic) reactions of students concerning appropriate communication with patients.
13. Learning how to cooperate with other dental and medical doctors. Basic principles of team-working.
14. Teaching of critical self-evaluation and patient referral to specialists when it is necessary.
15. Stimulation of students to participate in scientific trials, as part of integrated education. Learning how to search and use scientific data and evaluate the information.

EXPECTED RESULTS

AFTER COMPLETION OF TRAINING, THE STUDENT SHOULD HAVE THE FOLLOWING KNOWLEDGE AND SKILLS:

1. To know the main etiogenic factors responsible for the formation and development of diseases of the periodontium and oral mucosa.
2. To be able to educate patients about the main etiogenic factors at diseases of the periodontium and oral mucosa and to encourage them to take responsibility for your own periodontal health.
3. To discuss with the patient the possible influence of additional risky local and systemic factors for his illness.
4. To know and apply all methods of supra- and subgingival dental control plaque (biofilm).
5. To instruct patients on appropriate modern methods and means of oral hygiene compatible with his periodontal and implantological health.
6. To assess the condition of the patient's periodontal structures and oral mucosa c the context of the general state of the organism.
7. To assess the individual risk of developing periodontal and oral diseases mucosa.
8. To apply modern methods and means in diagnostics and differential diagnosis of periodontal and oral mucosal diseases.
9. To predict the outcome of the present disease and to discuss this with the patient.
10. To be able to form an individual treatment plan for each patient, accordingly local and systemic influencing factors.
- 11 To evaluate all the results of the treatment in the long term, including with the assistance of other specialists.
12. To diagnose, explain and discuss the need for periodontal surgery procedures and from implantology treatment and to direct the patient to specialized assistance.
13. To develop and implement individual preventive and restorative procedures, necessary for the health of the periodontal structures and the oral mucosa, consistent with individual risk.

**VOLUME OF PRACTICAL WORK REQUIRED OF PERIODONTOLOGY
and ORAL MUCOSA DISEASES**

VII semester **15 weeks x 1 hour**

1. Phantom training

- practical work
- theoretical training
- tests No. 1, 2, 3, 4, 5

Evaluation - instruments and instrumentation in periodontology

VIII semester **15 weeks x 2 hours**

1. Motivation for personal oral hygiene

3 cases

2. Professional oral hygiene using machine and/or hand instrumentation

3 cases

IX semester **15 weeks x 3 hours**

1. Treatment of gingivitis

2 cases

2. Treatment of periodontitis

1 case

X semester **15 weeks x 4 hours**

1. Treatment of gingivitis

1 case

2. Treatment of periodontitis

3 cases

PERIODONTAL SURGERY – practice on a biological model.

1. Surgical methods of treatment

2. Gingivectomy

3. Surgical treatment of a periodontal pocket with partial and complete displacement of mucoperiosteal flap

Internship

1. Periodontitis

2 cases

CURRICULUM PERIODONTOLOGY
LECTURES – SCHEDULE - IV-year, VII semester

№	Theme	Hours	date
1.	INTRODUCTION TO PERIODONTOLOGY. Definition of periodontium (periodontium). Anatomy of the periodontium (periodontium). Periodontal structures. Gingiva – macroscopic characteristics, microscopic anatomy (types of epithelium, basement membrane, connective tissue), mechanism of the dentogingival connection (attachment). Gingival crevicular fluid.	2	
2.	PERIODONTAL COMPLEX. Periodontal ligament, cementum and alveolar bone - macroscopic and microscopic characteristics.	2	
3.	ETIOLOGY OF PERIODONTAL DISEASES. Dental plaque (bacterial biofilm). Nonspecific and specific plaque hypotheses. Bacterial - immunological theory. Supra- and subgingival and peri-implant bacterial plaque, prerequisites for formation, structure, maturation. Factors determining the composition of the bacterial plaque. Periodontopathogenic microorganisms. Supra- and subgingival calculus. Structure. Hypotheses for bacterial plaque mineralization.	2	
4.	PERIODONTAL INSTRUMENTATION. Classification of instruments in periodontology. Types of instruments – hand-activated, machine-activated, sonic and ultrasonic, surgical. Viewing tools - mirrors. Tools for periodontal research - explorers, periodontal probes (manually activated, computerized and ultrasonic). Principles of working with periodontal examination and examination tools. Main studied parameters.	2	
5.	HAND - ACTIVATED INSTRUMENTS for the removal of calculus. Tool design. Types of tools for removing calculus - scalers (sickle-shaped, curettes, files). Methods of working with the scalers and sequence of manipulations. General principles of periodontal instrumentation. Mechanics of the tool stroke. Instrumentation of teeth from anterior sextants.	2	
6.	Fundamentals and basic principles of INSTRUMENTATION OF POSTERIOR SEXTANTS.	2	
7.	ULTRASONIC INSTRUMENTS FOR THE REMOVING OF CALCULUS. Main technical characteristics: - Magnetostrictive - Piezoelectric Technique of ultrasonic instrumentation. Comparison between sonic and ultrasonic instruments based on their technical characteristics.	2	

	Application of the tips of the ultrasound devices according to the requirements of the instrumented surface. Modifications and improvement trends. Ultrasound device Vector - technical characteristics, advantages. Machine tools. Machine tool systems. Purpose. Characteristics of their working tips. Machine tools for polishing. indications for polishing tooth surfaces. Adverse effects and contraindications. Means for polishing after instrumenting the tooth surfaces - tips, rubber cups, brushes, abrasive strips. Polishing pastes - requirements for their composition and structure. Polishing technique. Polishing with air - abrasive spray - equipment, indications, contraindications.		
8.	EPIDEMIOLOGY of periodontal diseases. Risk factors in the etiology of periodontal diseases	1	

Total: 15 hours

PRACTICAL EXERCISES – SCHEDULE
IV year, VII semester

№	Theme	Hours	date
1.	Periodontology – introduction. Periodontal complex. Gingiva – macroscopic and microscopic structure.	2	
2.	Dental biofilm. Dental calculus and other plaque-retentive factors.	2	
3.	Classification of periodontal instruments. Explorers and probes.	2	
4.	Hand-activated instruments – sickle scalers, files. Basic principles of instrumentation of anterior sextants.	2	
5.	Hand-activated instruments – sickle scalers, files. Basic principles of instrumentation of posterior sextants.	2	
6.	Periodontal curettes – universal and specific. Supra- and subgingival instrumentation with periodontal curettes.	2	
7.	Periodontal curettes – universal and specific. Supra- and subgingival instrumentation with periodontal curettes.	2	
8.	Colloquium on instruments and instrumentation in periodontology. Semester authentication.	1	

Total: 15 hours

LECTURES – SCHEDULE
IV year, VIII semester

№	Theme	Hours	date
1.	Pathogenesis of plaque-induced inflammatory process in periodontal tissues.	1	
2.	Pathogenesis of periodontal diseases. Defense mechanisms of the gingiva.	1	
3.	Classification of periodontal diseases.	1	
4.	Clinical methods of evaluation of a patient with periodontal disease. Indices.	1	
5.	Clinical methods of evaluation of a patient with periodontal disease. Indices.	1	
6.	Radiographic aids in the diagnosis of periodontal diseases.	1	
7.	Advanced aids in periodontal diagnosis.	1	
8.	Gingival health and periodontal health.	1	
9.	Gingivitis.	1	
10.	Plaque-induced gingivitis modified by sex hormones.	1	
11.	Drug-induced gingival overgrowth.	1	
12.	Non-plaque-induced gingivitis. Gingival lesions in mucocutaneous autoimmune diseases.	1	
13.	Non-plaque-induced gingivitis. Gingival lesions in mucocutaneous autoimmune diseases.	1	
14.	Necrotizing periodontal diseases – gingivitis, periodontitis, stomatitis	1	
15.	Acute periodontal diseases.	1	

PRACTICAL EXERCISES – SCHEDULE
IV year, VIII semester

№	THEME	HOURS	DATE
1.	Introduction, safety instructions, etc.	2	
2.	Ultrasonic instrumentation	2	
3.	Pathogenesis of periodontal diseases	2	
4.	Defense mechanisms of the gingiva	2	
5.	Clinical methods of evaluation of a patient with periodontal disease.	2	
6.	Indices	2	

7.	Radiographic aids in the diagnosis of periodontal diseases	2	
8.	Advanced aids in periodontal diagnosis	2	
9.	Gingivitis – etiology, pathogenesis, risk factors	2	
10.	Gingivitis – clinical signs and symptoms.	2	
11.	Gingival enlargement.	2	
12.	Desquamative gingivitis	2	
13.	Necrotizing gingivitis and periodontitis	2	
14.	Acute gingival diseases	2	
15.	Semester authentication.	2	

Total: 30 hours

LECTURES – SCHEDULE
V year, IX semester

№	Theme	Hours	date
1.	Periodontitis - etiogenic factors, pathogenetic mechanisms, histomorphological changes in periodontal tissues. Periodontal pocket - clinical and radiological characteristics.	1	
2.	Periodontitis - classification, etiology, clinical signs and symptoms, radiographic findings.	1	
3.	Periodontal manifestation of systemic diseases and acquired conditions.	1	
4.	Periodontal manifestation of systemic diseases and acquired conditions.	1	
5.	Trauma from occlusion	1	
6.	Trauma from occlusion	1	
7.	Endo- periodontal lesions.	1	
8.	Endo- periodontal lesions.	1	
9.	Treatment of periodontal diseases. Treatment plan.	1	
10.	Treatment of periodontal diseases. Initial (hygienic) phase.	1	
11.	Treatment plan. Mechanical plaque control for periodontitis patient.	1	
12.	Chemical plaque control for periodontitis patient.	1	

13.	Systemic antibiotic treatment.	1	
14.	Systemic antibiotic treatment.	1	
15.	Local delivery of antimicrobials.	1	

Total: 15 hours

PRACTICAL EXERCISES – SCHEDULE

V year, IX semester

№	Theme	Hours	date
1	Introduction. Safety measures and instructions	3h	
2	Gingivitis-summary. Clinical assessment of basic indices and parameters (PI, BoP, PPD, CAL, Recession)	3h	
3	Gingival diseases- summary	3h	
4	Plaque control- instructions, motivation, methods.	3h	
5	Periodontal pocket	3h	
6	Bone loss and patterns of bone destruction	3h	
7	Periodontitis- classification- staging and grading, etiology, clinical signs and symptoms, radiographic findings	3h	
8	Periodontal manifestation of systemic diseases and acquired conditions.	3h	
9	Periodontal manifestation of systemic diseases and acquired conditions.	3h	
10	Colloquium	3h	
11	Acute periodontal lesions	3h	
12	Endo-periodontal lesions	3h	
13	Treatment plan for the patient with periodontal disease	3h	
14	Mechanical plaque control.	3h	

15	Chemical plaque control	3h	

Total:45

LECTURES – SCHEDULE

V year, X semester

№	Theme	Hours	date
1.	Corrective phase of the treatment of periodontal diseases. Stabilization of teeth with damaged periodontium - purpose and tasks. Types of tires. Temporary and permanent splinting - indications, contraindications, advantages and disadvantages.	1	
2.	Periodontal surgery - classification, instrumentation, basic principles.	1	
3.	Resective surgical methods - gingivectomy, gingivoplasty	1	
4.	Resective surgical methods – apically displaced flaps, ostectomy, osteoplasty.	1	
5.	Reconstructive periodontal surgery – guided bone regeneration, bone grafts.	1	
6.	Reconstructive periodontal surgery - biomodification of the root surface.	1	
7.	Mucogingival surgery.	1	
8.	Mucogingival surgery.	1	
9.	Furcation defects. Classification. Index systems.	1	
10.	Furcation defects. Clinic, diagnosis and treatment.	1	
11.	Gingival recession – diagnosis, classification, treatment.	1	
12.	Peri-implant diseases and conditions. Peri-implant health.	1	
13.	Peri-implant diseases and conditions. Perimucositis. Peri-implantitis.	1	
14.	Maintenance periodontal treatment	1	
15.	Maintenance periodontal treatment	1	

Total: 15 hours

PRACTICAL EXERCISES – SCHEDULE

V year, X semester

№	Theme	Hours	date
1	Systemic antibiotic treatment of periodontal diseases.	4	
2	Locally delivered antimicrobials		
3	Trauma from occlusion	4	
4	Splinting of mobile teeth	4	
5	Basic principles of periodontal surgery	4	
6	Flaps – classification, indications	4	
7	Bone grafting materials, membranes, biologicals used in periodontal regeneration	4	
8	Surgical techniques for periodontal regeneration	4	
9	Furcation involvement. Treatment options	4	
10	Recessions. Treatment modalities	4	
11	Peri-implant diseases. Supportive periodontal treatment.	4	
12	Practical for resective methods on bovine models	4	
13	Practical for regenerative methods on bovine models	4	
14	Practical exam	4	
15	Semester authentication.	4	

Total: 60 h

Semestrial exam – syllabus

1. Macroscopic and microscopic anatomy of gingiva and periodontal ligament. Blood supply. Correlation of clinical and microscopic features.
2. Macroscopic and microscopic anatomy of cementum and alveolar bone. Functions. Osseous topography.
3. Gingival crevicular fluid – composition, clinical significance. Cellular and humoral activity in gingival crevicular fluid and saliva.
4. Etiology of periodontal diseases. Dental biofilm. Structure. Accumulation. Factors, affecting plaque formation.
5. Microbiologic specificity of periodontal diseases. Nonspecific, specific, and ecologic plaque hypotheses. Periodontopathic bacteria.
6. Natural and iatrogenic plaque retentive factor – significance in the etiology of plaque induced diseases of periodontium. Dental calculus. Composition. Formation. Etiologic and clinical significance.
7. Pathogenesis of periodontal diseases. Histopathology of gingivitis and periodontitis.
8. Pathogenesis of periodontal diseases. Mechanisms of inflammation and immunity.
9. Classification of periodontal and peri-implant diseases and conditions (2017).
10. Epidemiology of periodontal diseases. Aim, objectives, definitions (rate, prevalence, severity of periodontal diseases).
11. Examination of patients – history, general and local status.
12. Diagnosis of periodontal diseases. Assessment of clinical parameters - probing depth, clinical attachment level, recession, bleeding on probing, mobility, furcation assessment. Determination of disease activity. Instruments for diagnostics in periodontology.
13. Radiographic aids in the diagnosis of periodontal disease.
14. Advanced aids in periodontal diagnosis.
15. Periodontal health on an intact and on a reduced periodontium.
16. Plaque-induced gingivitis. Classification. Clinical features. Clinical findings.
17. Gingivitis, mediated by modifying factors – pharmacological agents. Clinical findings.
18. Gingivitis, mediated by modifying factors – sex steroid hormones. Clinical findings.
19. Gingivitis in autoimmune diseases of skin and mucous membranes. Histopathology and immunopathology. Clinical examination and clinical findings.
20. Necrotizing periodontal diseases. Etiology, histopathology, clinical findings.
21. Periodontitis. Periodontal pocket – classification, histopathologic and clinical features. Suprabony and infrabony pockets. Bone loss and patterns of bone destruction.
22. Periodontitis – general characteristics. Disease distribution and severity. Clinical and radiographic findings.
23. Periodontitis – staging and grading. Definition of clinical and radiographic findings.
24. Clinical risk assessment. Risk factors, risk determinants, risk indicators, risk predictors. Determination of prognosis.
25. Periodontal manifestation of systemic diseases – endocrine, hematological. Clinical findings.

26. Periodontal manifestation of systemic diseases –genetic, and immunologic disorders. Clinical findings.
27. Acute gingival infections – abscesses, pericoronitis. Clinical features, complications, treatment.
28. Endo-periodontal lesions. Classifications. Clinical and radiographic findings. Differential diagnosis. Management.
29. Trauma from occlusion. Types. Stages of tissue response. Clinical and radiographic signs.
30. Peri-implant diseases and conditions. Peri-implant health. Peri-implant mucositis – etiology, clinical findings, diagnostics, and treatment.
31. Periimplantitis. Etiology, clinical and radiographic findings, treatment protocols.
32. Treatment plan. Sequence of therapeutic phases and procedures.
33. Treatment plan of periodontitis according to the stage and grade (schema).
34. Initial periodontal therapy – rationale, treatment sessions, sequence of procedures.
35. Mechanical plaque control for the periodontal patient – devices, methods, recommendations.
36. Chemical plaque control – rationale, indications, and contraindications. Chemical plaque control agents – mechanism of action.
37. Periodontal instruments – sickle scalers, curettes and files. Instrument design. General principles of instrumentation of anterior and posterior sextants.
38. Power – driven devices. Classification, general characteristics, advantages, limitations. Techniques for ultrasonic debridement.
39. Systemic anti-infective therapy for periodontal diseases. Rationale, types of antibiotics, indications and contraindications, clinical use.
40. Locally delivered antimicrobials. Rationale, types of agents, mechanisms of action, clinical use.
41. Corrective phase of periodontal therapy. Goals. Prosthetic, orthodontic and surgical treatment. Splinting.
42. Periodontal surgery. Main objectives. Indications and contraindications. Types of techniques. Approaches to specific pocket problems.
43. Periodontal surgery. Periodontal flap. Classification. Flap design. Incisions. Suturing.
44. Gingival surgical techniques. Curettage. Excisional new attachment procedure. Healing process. Gingivectomy and gingivoplasty. Indications and contraindications. Techniques. Healing process.
45. Flap techniques for pocket therapy. Modified Widman flap.
46. Resective osseous surgery – ostectomy and osteoplasty. Indications and contraindications. Techniques. Basic rules of osseous surgery.
47. Reconstructive periodontal surgery. Indications and contraindications. Possible outcomes, healing process and evaluation of results. Reconstructive techniques – major types. Graft materials. Guided tissue regeneration.
48. Biologic mediators and growth factors used for periodontal regeneration.
49. Furcation involvement. Diagnosis, classification, and indices. Treatment of furcation defects.

50. Mucogingival surgery. Objectives. Classification of mucogingival deformities and conditions. Major treatment approaches.
51. Gingival recession. Predisposing factors. Classifications. Clinical findings. Gingival recession. Basic surgical techniques.
52. Supportive periodontal treatment. Objectives and goals of maintenance phase. Examination and treatment procedures at recall visits.

State exam – syllabus

1. Macroscopic and microscopic anatomy of gingiva and periodontal ligament. Blood supply. Correlation of clinical and microscopic features.
2. Macroscopic and microscopic anatomy of cementum and alveolar bone. Functions. Osseous topography.
3. Gingival crevicular fluid – composition, clinical significance. Cellular and humoral activity in gingival crevicular fluid and saliva.
4. Etiology of periodontal diseases. Dental biofilm. Structure. Accumulation. Factors, affecting plaque formation.
5. Microbiologic specificity of periodontal diseases. Nonspecific, specific, and ecologic plaque hypotheses. Periodontopathic bacteria.
6. Natural and iatrogenic plaque retentive factor – significance in the etiology of plaque induced diseases of periodontium. Dental calculus. Composition. Formation. Etiologic and clinical significance.
7. Pathogenesis of periodontal diseases. Histopathology of gingivitis and periodontitis.
8. Pathogenesis of periodontal diseases. Mechanisms of inflammation and immunity.
9. Classification of periodontal and peri-implant diseases and conditions (2017).
10. Epidemiology of periodontal diseases. Aim, objectives, definitions (rate, prevalence, severity of periodontal diseases).
11. Examination of patients – history, general and local status.
12. Diagnosis of periodontal diseases. Assessment of clinical parameters - probing depth, clinical attachment level, recession, bleeding on probing, mobility, furcation assessment. Determination of disease activity. Instruments for diagnostics in periodontology.
13. Radiographic aids in the diagnosis of periodontal disease.
14. Advanced aids in periodontal diagnosis.
15. Periodontal health on an intact and on a reduced periodontium.
16. Plaque-induced gingivitis. Classification. Clinical features. Clinical findings.
17. Gingivitis, mediated by modifying factors – pharmacological agents. Clinical findings.
18. Gingivitis, mediated by modifying factors – sex steroid hormones. Clinical findings.
19. Gingivitis in autoimmune diseases of skin and mucous membranes. Histopathology and immunopathology. Clinical examination and clinical findings.
20. Necrotizing periodontal diseases. Etiology, histopathology, clinical findings.
21. Periodontitis. Periodontal pocket – classification, histopathologic and clinical features. Suprabony and infrabony pockets. Bone loss and patterns of bone destruction.
22. Periodontitis – general characteristics. Disease distribution and severity. Clinical and radiographic findings.
23. Periodontitis – staging and grading. Definition of clinical and radiographic findings.

24. Clinical risk assessment. Risk factors, risk determinants, risk indicators, risk predictors. Determination of prognosis.
25. Periodontal manifestation of systemic diseases – endocrine, hematological. Clinical findings.
26. Periodontal manifestation of systemic diseases –genetic, and immunologic disorders. Clinical findings.
27. Acute gingival infections – abscesses, pericoronitis. Clinical features, complications, treatment.
28. Endo-periodontal lesions. Classifications. Clinical and radiographic findings. Differential diagnosis. Management.
29. Trauma from occlusion. Types. Stages of tissue response. Clinical and radiographic signs.
30. Peri-implant diseases and conditions. Peri-implant health. Peri-implant mucositis – etiology, clinical findings, diagnostics, and treatment.
31. Periimplantitis. Etiology, clinical and radiographic findings, treatment protocols.
32. Treatment plan. Sequence of therapeutic phases and procedures.
33. Treatment plan of periodontitis according to the stage and grade (schema).
34. Initial periodontal therapy – rationale, treatment sessions, sequence of procedures.
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36. Chemical plaque control – rationale, indications, and contraindications. Chemical plaque control agents – mechanism of action.
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45. Flap techniques for pocket therapy. Modified Widman flap.
46. Resective osseous surgery – ostectomy and osteoplasty. Indications and contraindications. Techniques. Basic rules of osseous surgery.
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48. Biologic mediators and growth factors used for periodontal regeneration.
49. Furcation involvement. Diagnosis, classification, and indices. Treatment of furcation defects.
50. Mucogingival surgery. Objectives. Classification of mucogingival deformities and conditions. Major treatment approaches.
51. Gingival recession. Predisposing factors. Classifications. Clinical findings. Gingival recession. Basic surgical techniques.
52. Supportive periodontal treatment. Objectives and goals of maintenance phase. Examination and treatment procedures at recall visits.
53. Aphthous-ulcerative diseases of the oral mucosa.
54. Oral mucosa ulcers.
55. Vesiculo-ulcerative lesions with viral etiology affecting oral mucosa. Other oral lesions with viral origin.
56. Bullous-ulcerative diseases of the oral mucosa.
57. Oral lichen planus.
58. Oral candidiasis.
59. Symptomatic stomatitis due to systemic diseases.
60. HIV and AIDS.
61. Lips disorders.
62. Tongue disorders.

Recommended Books

1. Fundamentals of periodontal instrumentation and advanced root instrumentation. 7th edition. Jill S. Nield-Gehrig.
2. Carranza's clinical periodontology. 11th edition. Newman, Takei, Klokkevold, Carranza.
3. Fundamentals of periodontics. 2nd edition. Wilson, Kornman.
4. Root scaling and planning. A fundamental therapy. B. Wasserman
5. Successful periodontal therapy. A non-surgical approach. P. Heasman, Ph. Preshaw, P. Robertson.
6. Clinical periodontology and implant dentistry. J. Lindhe, N. Lang, T. Carring.

Electronic sources

1. Journal of clinical periodontology
2. Journal of periodontology
3. Periodontology 2000

HEAD OF DEPARTMENT:

ASSOC. PROF. BLAGOVESTA YANEVA, PHD