

Preclinical Periodontology

V semester

1. Structure/build up of the periodontium
2. Blood supply, lymphatic system and innervation of the periodontium
3. Age-related changes in the periodontium
4. Basic principles in periodontology
5. Structure, anatomy, histologic structure of the oral cavity
6. Blood supply and innervation of oral cavity
7. Classification of Periodontal and Peri-implant Diseases and Conditions (2018)
8. Classification of the horizontal component furcation injuries/defects
9. Classification of gingival recession (Cairo F.)
10. Classification of vertical and horizontal types of alveolar bone loss
11. Functions of the periodontal tissue complex
12. Functions of oral mucous membrane
13. Etiology of periodontal diseases, local favouring factors
14. Microbial agent and its role in the development of periodontitis and gingivitis. Periodontal markers.
15. Etiology of periodontal diseases. General favoring factors
16. Pathogenesis of periodontal diseases
17. Examination methods for the patients with periodontal diseases
18. Basic examination methods 19. Auxiliary examination methods
20. Clinical examination methods
21. Periodontal map/chart
22. X-ray examination methods
23. Laboratory tests/methods

Wish you success!

Clinical Periodontology

VIII semester

1. Structure/build up of the periodontium
2. Blood supply, lymphatic system and innervation of the periodontium
3. Age-related changes in the periodontium

4. Functions of the periodontium
5. Basic principles in periodontology
6. Classification of periodontal and peri-implant diseases and conditions (2018)
7. Classification of the horizontal component of furcation injuries/defects
8. Classification of gingival recession (Cairo F.)
9. Classification of vertical and horizontal types of alveolar bone loss
10. Etiology of periodontal diseases, local favouring factors
11. Microbial agent and its role in the development of periodontitis and gingivitis. Periodontal markers.
12. Etiology of periodontal diseases. General favoring factors
13. Pathogenesis of periodontal diseases
14. Examination methods for the patients with periodontal diseases (basic, auxiliary, clinical X-ray and laboratory methods)
15. Symptoms characteristic for periodontal diseases (specific parameters characteristic for gingivitis and periodontitis)
16. Healthy gingiva and periodontium (intact periodontium, clinically healthy periodontium, periodontal diseases in stabilization phase/stage, periodontal diseases in remission/control phase)
17. Gingivitis (caused by tooth buckle). Typical/characteristic general clinical signs
18. Catarrhal gingivitis (caused only by tooth buckle)
19. Hypertrophic gingivitis (gingival overgrowth– provoked by dental plaque-induced factors and drug-induced gingival overgrowth).
20. Acute necrotizing ulcerative gingivitis (necrotizing gingivitis)
21. Chronic and chronic - exacerbated necrotizing ulcerative gingivitis (necrotizing periodontitis)
22. Periodontitis. General clinical signs characteristic for periodontitis. Stages, severities, rate
23. Localized chronic periodontitis (localized periodontitis, I or II or III stage, A and B level)
24. Generalized mild chronic periodontitis (generalized periodontitis, stage I, A or B level)
25. Generalized moderate chronic periodontitis (generalized periodontitis, stage II, A or B level)
26. Generalized severe chronic periodontitis (generalized periodontitis, stage III or IV, A or B level)
27. Periodontitis in remission stage (periodontal diseases in remission/control phase)
28. Periodontal abscess
29. Aggressive periodontitis (generalized periodontitis, stage III or IV, C level)
30. Prepubertal periodontitis (localized or generalized periodontitis stage III or IV, C level)
31. Juvenil periodontitis (injuries observed around the molars and incisors or generalized periodontitis, stage III or IV, C level)

32. Rapidly progressive periodontitis (generalized periodontitis stage III or IV, C level)
33. Differences (or similarities) between gingivitis and periodontitis
34. Papillon-Lefevre syndrome
35. Decompensated diabetes mellitus
36. HIV/ AIDS
37. Periodontomas. Epulis (epulides), fibromatosis (hereditary gingival fibromatosis)
38. General principles and concepts for treatment of periodontal diseases.
39. Development and sequence of treatment plan
40. Starting, „zero“, systemic phase of therapy. Motivation of the patient for conducting a regular, repeated course of therapy
41. Individual oral hygiene control
42. I phase of treatment. Professional hygiene
43. Conservative treatment of periodontal inflammatory diseases. Periodontal pocket closed curettage
44. Medicamentous/drug treatment
45. Phase II treatment – surgical treatment
46. Orthopedic treatment methods. Selective “dental filings”
47. Dental splinting
48. Orthodontic and physical methods of treatment
49. Prognosis of the treatment of periodontal diseases
50. Antiseptics used in the treatment of periodontal tissue complex
51. Antibiotics used in the treatment of periodontal tissue complex
52. Antifungals used in the treatment of periodontal tissue complex
53. Combined antimicrobial agents used in the treatment of periodontal tissue complex
54. Locally acting immunomodulators used in the treatment of periodontal tissue complex
55. phytotherapeutic agents used in the treatment of periodontal tissue complex.

Wish you success!

Oral Mucosal Diseases

IX semester

1. Morpho-functional characteristics of oral cavity. Structure of oral cavity
2. Anatomy of the oral cavity.

3. Blood supply and innervation of oral mucosa membrane.
4. Functions of the oral mucosa
5. Elements of injuries to the oral mucosa
6. Oral mucosa examination methods
7. Classification of oral mucosa diseases
8. Mechanical traumatic injuries (acute and chronic mechanical trauma). Clinic, diagnosis, treatment
9. Physical trauma. Clinic, diagnosis, treatment
10. Chemical trauma. Clinic, diagnosis, treatment
11. Oral leukoplakia. Clinic, diagnosis, treatment
12. Vincent's necrotising ulcerative gingivostomatitis. Clinic, diagnosis, treatment
13. Oral candidiasis. Clinic, diagnosis, treatment
14. Acute and chronic herpes stomatitis. Clinic, diagnosis, treatment
15. Infectious mononucleosis. Clinic, diagnosis, treatment
16. Lichen planus. Clinic, diagnosis, treatment
17. AIDS. Clinic, diagnosis, treatment
18. Influenza. Clinic, diagnosis, treatment
19. Changes developed in oral mucosa at allergic diseases. Rapid in onset allergic reactions (anaphylactic shock, Kvinke angioneurotic edema)
20. Drug allergies. Clinic, diagnosis, treatment
21. Chronic recurrent aphthous stomatitis. Clinic, diagnosis, treatment
22. Multiform exudative erythema. Clinic, diagnosis, treatment
23. Pemphigus. Clinic, diagnosis, treatment
24. Pemphigoid. Clinic, diagnosis, treatment
25. Lichen Ruber Planus. Clinic, diagnosis, treatment
26. Oral manifestations at gastrointestinal tract diseases
27. Oral manifestations at cardiovascular pathologies
28. Oral manifestations at endocrine diseases
29. Oral mucosa changes at blood diseases
30. Oral mucosa changes at hypo- and avitaminosis
31. Oral mucosa changes at nervous system diseases
32. Desquamative glossitis
33. Black hairy tongue
34. Fissured/wrinkled tongue
35. Rhomboid glossitis

36. Glossalgia and stomalgias
37. Cheilitis (exfoliative, glandular, contact, allergic, meteorological, actinic cheilitis)
38. Lip diseases. Concomitant macrocheilitis (Melkersson–Rosenthal syndrome)
39. Chronic chapped lip
40. Antiseptics, used in the treatment of oral mucosa diseases. Specifics of their application
41. Antibiotics, used in the treatment of oral mucosa diseases. Specifics of their application, dosages
42. Antifungals, used in the treatment of oral mucosa diseases. Specifics of their application, dosages
43. Combined antimicrobial agents used in the treatment of oral mucosa diseases. Specifics of their application, dosages
44. Antioxidants and antihypoxic agents used in the treatment of oral mucosa diseases. Specifics of their application, dosage
45. Proteolytic enzymes used in the treatment of oral mucosa diseases. Specifics of their application
46. Corticosteroids used in the treatment of oral mucosa diseases. Specifics of their application
47. Locally acting immunomodulators used in the treatment of oral mucosa diseases. Specifics of their application, dosage
48. Reparation process stimulators used in the treatment of oral mucosa diseases. Specifics of their application
49. Biogenic stimulators used in the treatment of oral mucosa diseases. Specifics of their application
50. phytotherapeutic agents used in the treatment of oral mucosa diseases. Specifics of their application
51. Propolis (bee-glue) used in the treatment of oral mucosa diseases. Specifics of application
52. Vitamins used in the treatment of oral mucosa diseases. Specifics of their application. Dosage
53. Antihistamines used in the treatment of oral mucosa diseases. Specifics of their application, dosage

Wish you success!