***Periodontology final exam***

***Everyone must pick two titles***

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 patomechanism of periodontitis
14. The role of local factors in the patomechanism of periodontitis; elimination of local plaque retentive factors
15. Procession 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 consequencies of gingival recession, tooth neck hypersensitivity
24. Drug-induced gingival hyperplasty, pregnancy-associated gingivitis
25. Chronic, adult periodontitis
26. Microbiology, genetic and immune background of agressive periodontitis
27. Treatment of agressive 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 laesions
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 (morfogenic 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 secunder occlusal trauma, grinding, and prosthetic rehabilitation
53. Indications and technical possibilities of creating temporary and semipermanent splints
54. Borders of endodoncy 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

ORAL MEDICINE

***Everyone must pick two titles***

1./ Importance of medical history

2./ Role of dentist in the recognition of general medicine diseases

3./ Primary efflorescence

4./ Secondary efflorescence’s

5./ Mucosal Immunology (theoretical and historical background, cellular and humoral aspects, )

6./ Oral aspects of neuroendocrine diseases , Oral aspects of diabetes mellitus

 7./ Infections by herpetic viruses (theoretical background)

8./ HSV infections. Clinical background

9./ Oral aspects of Varicella-Zoster infections

10./ Type I hypersensitrivity reaction

11/ Type II hypersensitrivity reaction

12./ Type III. hypersensitivity reaction

13./ Type IV. hypersensitivity reaction

14./ Fungal infections in the oral cavity

15./ Diseases of the salivary glands –Sjögren’s syndrome

16./ Aphthous Oral Ulcers

17./ Pemphigus

18./ Bullous Pemphigoid, Benign Mucosal Pemphigoid

19./ Erythema Exudativum Multiforme

20./ Leukoplakia and other precancerous states in the oral cavity

21./ Diagnostic tools in leukoplakia

22. Lichen Oris

23./Diseases of the erythropoietic and leukopoietic system

 24./Diseases of the lip and diseases of the tongue

 25./ Burning mouth syndrome