|  | **DEPARTMENT OF DENTISTRY, PERIODONTOLOGY AND ORAL PATHOLOGY** | REД.: | 1 |
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A P R O B

Șef catedră

Dr.habilitat,profesor universitar

Sergiu Ciobanu

“ \_\_\_\_” \_\_\_\_\_\_\_\_\_\_\_\_\_\_2020

Subjects for IV year 2020-2021

1. Endodontics.Notion.Tasks . Steps of endodontic treatment.
2. Topographic anatomy of incisors and canines. The creation of access to pulp cavity.
3. Topographic anatomy of premolars. The creation of access to pulp cavity.
4. Topographic anatomy of molars. The creation of access to pulp cavity.
5. The endodontic space. The characteristic of dentinal and cementum cone.
6. Notion about anatomic, physiologic and radiologic apex. Its practical importance.
7. Notion about the root with not formed apex.
8. The characters of the root growth area of the tooth.
9. Histological structure and physiologic data about dental pulp.
10. Dental pulp modifications in senescence and in pathologic states.
11. Terms for eruption, formation and resorption of roots of permanent teeth.
12. The anatomo-physiological peculiarities of periodontium.
13. Changes by age of the periodontium and the functions of periodontium.
14. Cellular elements of the periodontium. The role of epithelial relics in the pathology of periodontium.
15. Methods of clinical examination of the patients with pulp disease.
16. Paraclinical examination methods of the pacient with pulp disease.
17. Electroodontometry (electric pulp test). Its role in dental practice.
18. Etiology and pathogenesis of pulpitis.
19. Classification of pulpitis.
20. Clinical picture, differential diagnosis and treatment of acute focal pulpitis.
21. Clinical picture, differential diagnosis and treatment of acute diffuse pulpitis.
22. Clinical picture, differential diagnosis and treatment of chronic gangrenous pulpitis.
23. Differential diagnosis between acute and chronic pulpitis.
24. Clinical picture, differential diagnosis and treatment of chronic fibrous pulpitis.
25. Clinical picture, differential diagnosis and treatment of chronic hypertrophic pulpitis.
26. Differential diagnosis of hypertrophic pulpitis, papillitis and inter-radicular perforation.
27. Differential diagnosis of pulpitis. The irradiation areas of pain in pulpitis.

28. The clinical presentation, differential diagnosis and treatment of chronic exacerbate pulpitis.

29. Pulpitis diagnostic methods.

30. Apical periodontitis. Etiology. Pathogenesis. Classification.

31. Acute apical periodontitis. Morphopathology. Clinical picture. Differential diagnosis. Treatment.

32. Chronic apical fibrous periodontitis. Morphopathology. Clinical picture.

33. Chronic apical granulous periodontitis. Morphopathology. Clinical picture.

34. Chronic apical granulomatous periodontitis. Morphopathology. Clinical picture.

35. Chronic apical exacerbated periodontitis. Clinical picture. Differential diagnosis.

36. Methods of examination of the patient with apical acute and chronic periodontitis.

37. Classification of treatment methods in pulpitis.

38. Biological method of treating pulp. Indications.  
39. Medicamentous remedies used to treat pulpitis by biological method.

40. Accidental opening of the pulp chamber and its treatment.

41. Notion of direct and indirect capping. Medicamentous remedies. Classification of medicamentous remedies used in direct and indirect capping. Indications and contraindications.

42. Indications and contraindications in the biological treatment of pulpitis, conservative method.  
43. Indications and contraindications in the method of amputation of the pulp.  
44. Indications and contraindications in the method of extirpation of the pulp.

45. Treatment of pulpitis by devital method.

46. Application technique of arsenic paste. The mechanism of action. Complications. Composition of arsenic paste.

47.Treatment of pulpitis in one visit.

48.Medicamentous root canal treatment after pulp extirpation.

49.Etiology and pathogenesis of apical periodontitis. Classification of apical periodontitis.

50. Principles of diagnosis and treatment of acute apical periodontitis.

51. Medicamentous apical periodontitis in stage of intoxication. Clinical picture.Differential diagnosis. Treatment.

52.Differential diagnosis of acute apical periodontitis and chronic apical exacerbated periodontitis.

53.Treatment of acute apical periodontitis.

54. Principles of diagnosis and treatment of chronic apical periodontitis.

55.Systems of isolation of the working field (rubberdam).

56. Method of vital pulp amputation.

57. Pulpitis treatment in several visits.  
58. Vital pulp extirpation method. Esence.

59. Indications and contraindications in the method of vital extirpation of the pulp.

60.Anesthesia used in the vital extirpation method.

61.Possible complications in the treatment of pulpitis by vital extirpation method.

62. Endodontic instruments. Characteristic . Classification.

63. Indexing of endodontic instruments after ISO.

64. Determination of working length in endodontic treatment.

65.  Methods of widening (permeability) of the root canals. Instruments and their use.  
66. Instrumental root canal preparation techniques by "step back" and "crown down".

67. Physical methods used in the treatment of pulpitis.

68.  Problems during treatment by vital and nonvital , extirpation and amputation methods of pulpitis  
69. Prevention of complications in the pulpitis treatment.

70. Canal filling materials. Classification.  
71. Canal filling materials. Thermofiles.

72. Lateral condensation in root canal filling.

73. Vertical condensation in root canal filling.

74. The technique of root canal filling by the injection method of plasticized guttapercha.

75. Instruments required for root canals filling. Their selection.  
76.Complications that can appear in the treatment of pulpitis.

77.Steps of local treatment of apical acute periodontitis.

78. Steps of local treatment of apical chronic exacerbated periodontitis.

79.General treatment of apical acute periodontitis and of apical chronic exacerbated periodontitis.

80.Treatment of apical chronic fibrous periodontitis.

81. Treatment of chronic apical granulous periodontitis.

82. Treatment of chronic apical granulomatous periodontitis.

83. Conservative and surgical methods of treatment of apical periodontitis.

84. Clinical and radiological data of chronic apical periodontitis.

85.Methods of sterilization of root canals.

86.Methods and techniques for endodontic space irigation. Solutions (antiseptics).

87.Drugs used in medicamentous treatment of root canals. Groups. Requirements.

88. Physiotherapeuthical methods in the treatment of apical periodontitis.

89. Medicamentous treatment of root canals in apical periodontitis.

90.Errors and complications in the treatment of apical periodontitis.

91.Removing filling material from the root canals. Indications. Methods.

**Şef catedră**

**d.h.ş.m., prof. universitar S.Ciobanu**

**Şef studii**

### d.ș.m. conf.universitar V. Bodrug