

Syllabus

Discipline “Preventive dentistry”

- 1.The role of microorganisms in etiology of dental caries.
- 2.The role of fermentable carbohydrates in etiology of dental caries.
- 3.The role of enamel, saliva and the time in etiology of dental caries.
- 4.Pathogenesis of dental caries.
- 5.Dental plaque (a microbial biofilm) – formation, structure and pathogenic potential.
6. Supragingival and subgingivale plaque – characteristics.
- 7.Demineralization and remineralization in enamel.
8. Histomorphological changes in enamel caries.
- 9.Histomorphological changes in dentinal caries.
- 10.Modern concept for prevention of oral diseases - goal, nature, strategies and forms.
11. Oral hygiene – theoretical base, aim and direction. Methods and assessment tools
12. Individual and professional oral hygiene – methods and tools. Naturally self-cleaning.
13. Endogenous fluoride prevention.
14. Topical fluoride prevention.
15. Nutritional prevention of oral diseases.
- 16.The role and control of carbohydrate diet.
17. Preventive sealing of pits-and fissures.
- 18.Remineralization - preventive non operative caries treatment. Indications, nature, methods and tools.
- 19.Caries risk assessment – nature, assessment tools, methodologies.

20. Periodontal risk assessment in childhood.
21. Oral health programs - public, group and individual.
22. Oral-health promotion – aim, strategies and methods.
23. Early childhood caries prevention.
24. Preventive oral-health care for compromised children.

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