

## **PAEDIATRIC DENTISTRY**

1. Subject, significance and correlation of paediatric dentistry
2. Development of primary and permanent teeth
3. Anatomy and eruption of primary teeth
4. The mechanism of second dentition
5. General aspects of prophylaxes in paediatric dentistry (nutrition, oral hygiene, early treatment)
6. The role and application of fluoride in caries prevention
7. Non- invasive and minimally invasive techniques in paediatric dentistry
8. Administration of local anaesthesia in childhood
9. Dentoalveolar surgery in childhood and adolescence
10. Numerical anomalies of primary and permanent dentition; treatment options
11. Morphological anomalies of primary and permanent dentition; treatment options
12. Structural anomalies of primary and permanent dentition; treatment options
13. Caries in primary dentition
14. Treatment of caries in primary dentition
15. Consequential diseases of caries and their treatment in primary dentition
16. Traumatic injuries of primary teeth (reasons, appearance, significance, treatment)
17. Consequences of traumatic injuries in primary dentition and their treatment
18. Caries treatment of permanent dentition. Correlations between caries of primary and caries of permanent dentition
19. Filling materials in paediatric dentistry
20. Consequential diseases of caries and their treatment in permanent dentition
21. Root canal treatment on immature permanent teeth.
22. Traumatic injuries of permanent teeth (luxation) and complex therapy
23. Traumatic injuries of permanent teeth (fractures) and complex therapy
24. Radiology in childhood
25. Indication and execution of prosthodontics in childhood and adolescence
26. Pit and fissure sealing
27. Orthodontic anomalies prevention possibilities for the paediatric dentist
28. Dental attendance of non-cooperative or problem child patients
29. Gingival and periodontal diseases during childhood and adolescents; treatment possibilities

- 30.** Oral symptoms of viral and fungal infectious diseases in childhood; treatment possibilities
- 31.** Infectious diseases in childhood (pathogens, incubation, general and oral symptoms)
- 32.** Medical emergencies in paediatric dentistry
- 33.** Basic life support (BLS) during paediatric dental treatment (medication and techniques)
- 34.** Oral symptoms of systemic diseases in childhood
- 35.** Administration of medicaments in paediatric dentistry (analgesics and local medicaments)
- 36.** Administration of medicaments in paediatric dentistry (antimicrobial and antihistamine drugs, vitamins)