

Topics for the Paediatric Dentistry Board Exam

I.

1. Complex prevention in Paediatric Dentistry
2. Adequate nutrition (sugar substitutes and sweeteners). The role of oral hygiene and saliva
3. Early treatment, fissure-sealing
4. Application of fluorides
5. Causes and treatment of the discolouration of the primary and permanent teeth
6. Oral health education (pregnant women, children, caretakers)
7. Regular control of teeth development, early recognition of anomalies
8. Taking care of children prone to dental diseases
9. Persistent primary teeth, serial extraction (Hotz)
10. Up-to-date caries diagnostics
11. The development of caries, caries theories and indices
12. Organization, registration and evaluation of epidemiological studies
13. Aetiology of MIH, differential diagnostics
14. The diagnostics and prevention of dental problems in adolescence (piercing, smoking, inadequate nutrition)
15. Teeth development, eruption and their anatomy
16. Concept of a Dental Home and its establishment
17. Paediatric dentistry, as a particular field in dentistry and its connections to other dental specialties
18. The mechanism of tooth eruption; physiological and pathological phenomena
19. Aetiology and epidemiology of caries
20. Psychological aspects of the dental treatment in childhood
21. The definition, causes and treatment of erosion, attrition and abrasion
22. The most important speech and language disorders, their importance in Paediatric Dentistry, cooperation with the speech therapist

II.

1. Ambulant oral surgery in childhood and adolescence
2. Local anaesthesia in childhood
3. Treatment of children with special needs
4. Radiology in paediatric dentistry
5. Abnormalities of tooth form and structure in the primary and permanent dentition and their management
6. Periodontal diseases in childhood and their treatment
7. Aetiology and treatment of the diseases of the gingiva and oral mucosa
8. Dentures for children
9. Traumatic injuries and their treatment in primary dentition
10. Traumatic injuries (fractures) of permanent teeth and their complex treatment

11. Numerical and eruption anomalies of primary and permanent teeth and their treatment
12. Caries in primary dentition and its management
13. Consecutive diseases due to caries of the primary teeth and their treatment
14. Relationship between the caries of primary and permanent teeth
15. Caries of permanent teeth and their treatment
16. Consecutive diseases due to caries of the permanent teeth and their treatment
17. Modern filling materials in Paediatric Dentistry
18. Root canal treatment of immature permanent teeth; apexification and apexogenesis
19. Non-and minimally invasive treatment methods in Paediatric Dentistry
20. Comparison of the root canal treatment of primary and permanent teeth
21. Traumatic injuries (luxations) of permanent teeth and their complex treatment
22. Management of children with cleft lip and palate

III.

1. Diagnostics of dental anomalies
2. Medication in the paediatric dental practice (antimicrobial drugs)
3. Premedication, postmedication
4. Dental anomalies in the primary dentition
5. Treatment of children with systemic diseases (cardiovascular diseases, diabetes)
6. Application of myofunctional trainers
7. Haematopoietic disorders: oral symptoms and special aspects of the dental care
8. Infectious diseases in childhood and their oral manifestations
9. Medication in the paediatric dental practice (analgetics, antifungals, local treatment)
10. The most frequent syndromes in childhood, endocrinopathies
11. Oral manifestations of systemic diseases (respiratory and kidney diseases; illnesses accompanied by cramping)
12. Local dental disorders in the mixed dentition
13. General disorders in the mixed dentition
14. Parafunctions (etiology, prevention and therapy)
15. Deleterious oral habits causing dental anomalies
16. Acute inflammation of the nose, the sinuses, the tonsils and the pharynx
17. Periodontal diseases in childhood and their prevention
18. Oxiology in the dental office
19. Dental focal infection in childhood
20. Serious inflammations originating from the teeth, indications for hospitalization
21. Aetiology of dental anomalies
22. Premature extraction of primary teeth, preventing the consequences