**PEDIATRIC DENTISTRY SEMINARS 4-TH YEAR 2023 – 2024**

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| **DATA** |  | **TOPICS OF SEMINARS FOR THE 4TH Year Thursdays 08.00 – 08.45** | **Lecturer** |
| 05.10.2023 | 1. | **Developmental diseases of hard teeth tissues of non-carious origin.** Part 1. - causes, enamel hypoplasia, developmental and acquired discoloration.* Systemic causes of enamel and dentin developmental defects - factors from the prenatal, perinatal and postnatal periods. Local causes of enamel malformations.
* The mechanism of hypoplasia (definition and types of hypoplasia, clinical picture).
* Discoloration formed during odontogenesis (hyperbilirubinemia, congenital porphyria, alkaptonuria, tetracycline discoloration) and after tooth eruption. Treatment.
 | **Dr. Anna Jarząbek** |
| 12.10.2023 | 2. | **Developmental diseases of hard teeth tissues of non-carious origin.** Part II - enamel hypomineralization (turbidity) with particular emphasis on fluorosis and MIH.* The mechanism of hypomineralization (definition, clinical picture).
* Fluorosis (causes and time of origin, clinical picture, fluorosis classification, characteristics, fluoride poisoning).
* MIH (causes and time of origin, clinical picture, stages of advancement, characteristics). Differentiation of fluorosis and other turbidity.
* Treatment.
 | **Dr. Anna Jarząbek** |
| 19.10.2023 | 3 |  **Developmental diseases of hard teeth tissues of non-carious origin.** Part III - abnormalities in hard tissues caused by genetic factors. * Developmental disorders of dentin and cement caused by genetic and environmental factors (Amelogenesis imperfecta. Dentine dysplasia. Regional odontodysplasia. Congenital dentin hypoplasia. Cement developmental disorders).
* Treatment.
 | **Dr. Aleksandra Wdowiak-Szymanik** |
| 26.10.2023 | 4 | **Diseases of the pulp of primary and permanent immature teeth**. * Classification and diagnostics.
* Differences in the structure of the pulp of primary and permanent teeth.
* Pathogenesis of pulp diseases (sclerotic dentin, defensive dentin). Hyperplastic pulpitis. Inflammatory internal resorption. Removable internal resorption. PCO tooth obliteration.
* Diagnosis of pulp diseases and changes in periapical tissues (history, physical examination, viability tests, Hall scale).
* Classification of pulp diseases in primary and immature permanent teeth. Differentiation of acute and chronic periodontal inflammation.
 | **Dr. Agnieszka Kus-Bartoszek** |
| 09.11.2023 | 5 | **Diseases of the pulp of primary and permanent immature teeth**. * Indications and contraindications to endodontic treatment in primary and immature permanent teeth.
 | **Dr. Aleksandra Wdowiak-Szymanik** |
| 16.11.202323.11.2023 | 6,7 | **Diseases of the pulp of primary teeth** * Methods of treatment (biological and non-biological in-life, mortal). Drugs and materials used in milk tooth endodontics. Local and general indications and contraindications for the treatment of pulp of milk teeth. Direct and indirect coverage, total lifelong amputation, amputation after devitalization, pulp extirpation - treatment techniques).
 | **Dr. Joanna Flont****Dr. Aleksandra Wdowiak-Szymanik** |
| 30.11.202307.12.2023 | 8,9 | **Pulp therapies in immature permanent teeth** * Indirect pulp cupping method, Direct pulp cupping, Vital pulp amputation: partial and total).
* Apexogenesis.
* Apexification.
* Revascularization.
* Indications, contraindications, materials and procedures for the above procedures.
 | **Dr. Joanna Flont** |
| 14.12.2023 | 10. | **Injuries to the Primary and Permanent Dentition*** Aetiology and epidemiology of Traumatic Dental Injuries.
* Classification of Dental Injuries (according Ellis and Andreasen-WHO).
* Examination and diagnosis of Dental Injuries.
 | **Dr. Anna Manowiec** |
| 21.12.2023 | 11. | **Injuries to the Permanent Dentition*** Guidelines for management of uncomplicated and complicated crown fracture of a permanent tooth.
* Guidelines for management of crown/root fractures of permanent teeth.
* Alveolar Process Fracture.
* Guidelines for management of soft-tissue injuries.
 | **Dr. Anna Manowiec** |
| 11.01.2023 | 12. | **Injuries to the Permanent Dentition*** Luxations in the permanent dentition
* Concussion, Subluxation, Extrusive Luxation, Intrusive Luxation, Lateral Luxation.
 | **Dr. Agnieszka Kus-Bartoszek** |
| 18.01.2023 | 13. | **Injuries to the Permanent Dentition*** Guidelines for management of avulsion of permanent teeth.
 | **Dr. Agnieszka Kus-Bartoszek** |
| 25.01.2023 | 14. | **Injuries to the Primary Dentition** :* Treatment principles,
* guidelines for management of: crown fractures, crown-root fractures, root fractures, concussion, subluxation, extrusion, intrusion, lateral luxation, avulsion, alveolar fracture.
 | **Dr. Anna Manowiec** |
| 01.02.2023 | 15. | **Consequences of post-traumatic lesions of milk and permanent teeth.*** Prevention of post-traumatic damage.
* Early complications immediately after injury.
* Late complications (death of tooth pulp, resorption, inhibition of root development, obliteration of the tooth cavity).
* Consequences primary teeth injuries (crown discoloration, pulp necrosis, periapical inflammation, premature root resorption, obliteration, formation of abscesses and cysts, ankylosis).
* Prevention of post-traumatic dental damage: primary, secondary and tertiary prevention.
* Radiographic technique for determining invasion of the follicle.
* Predictors for healing complications (pulpal healing and pulpal necrosis, PDL healing and root resorption, arrested root development, marginal bone healing and bone loss)
 | **Dr. Anna Manowiec** |