



Paediatric Dentistry and Preventive Dentistry
4th year 2020/2021, summer semester English Division

Responsible for the subject: Prof. UMW dr hab. Maciej Dobrzyński

Teaching entity: Department of Paediatric Dentistry and Preclinical Dentistry

Number of hours: clinical classes – 60 h; seminars –21 h

Practical classes 60 hours/each class – 6 x 45 minutes (270 minutes)

Grade: Credit

ECTS: 3,5

Educational objective: acquisition of basic theoretical and practical knowledge in the field of paediatric dentistry.

PRACTICAL CLASSES

| Nr | Topics |
|----------|--|
| Class 1 | <p>I. Diseases of the pulp of primary teeth: etiopathogenesis, symptomatology, classifications, diagnostics. treatment and Medicaments and materials in endodontic treatment of primary teeth. Complications during and after treatment, prognosis.</p> <p>II. Treatment - medicaments and materials used in endodontic treatment of primary teeth. Complications during and after treatment, prognosis.</p> |
| Class 2 | <p>III. Pulp diseases of immature permanent teeth: etiopathogenesis, symptomatology, classification, diagnosis, treatment and prognosis Medicaments and materials used in endodontic treatment Complications during and after treatment</p> <p>IV. Treatment – medicaments and materials used in endodontic treatment Complications during and after treatment Apexification and apexogenesis</p> |
| Class 3 | Credit test from topic I – IV |
| Class 4 | <p>V. 1. Post-traumatic tooth injuries: etiology, epidemiology, classification of tooth injuries, interview, clinical examination of the patient after trauma, intraoral and extraoral, radiological examination. 2. Protocol of dealing with traumatic injuries.</p> |
| Class 5 | <p>VI. Injuries of deciduous teeth: types of dental injuries, history, clinical and radiological examination, treatment of particular dental injuries, schedule of follow-up visits 1. Consequences of traumatic injuries 2. Prevention of traumatic tooth injuries</p> |
| Class 6 | <p>VII. Injuries of immature permanent teeth: types of dental injuries, clinical and radiological examination, therapeutic management of particular dental injuries, prognosis, follow-up visits. 1. Consequences of traumatic injuries 2. Prevention of traumatic tooth injuries</p> |
| Class 7 | Credit test from topic V-VII |
| Class 8 | <p>VIII. Periodontal and gingival diseases in developmental age, clinical examination, assessment of the condition of periodontium and hygiene (indicators: BPE - basic periodontal examination, GI- gingival index, PI - plaque index, API – approximal plaque index, GOI - gingival overgrowth index, additional examinations; radiological, treatment procedures, prognosis.</p> <p>IX. Dental radiology in Paediatric dentistry: general information, types of x-rays used in the diagnosis and treatment of children, radiological interpretation of x-rays in the developmental age. Radiological picture at different stages of the development of the masticatory organ Principles of radiological protection in developmental age</p> |
| Class 9 | Credit test from topic VIII-IX |
| Class 10 | Final test of the 8th semester from topic I- IX |

| BLOCKS | GROUPS | DATES | TIMES | CLASS NUMBER | TUTOR |
|--------|--------|--|---------------------------|--------------|-----------------------------------|
| 1 | A | 22.02.2021-25.02.2021 01.02.2021-04.03.2021 | 14.00-19.45 8.00-13.55 | I-IX | M. Kowalczyk Zajac, PhD |
| 1 | B | 22.02.2021-25.02.2021 01.02.2021-04.03.2021 | 14.00-19.45 8.00-13.45 | I-XX | D. Piesiak- Pańczyszyn, DDS |
| 1 | F | 22.02.2021-25.02.2021 01.02.2021-04.03.2021 | 8.00-13.45 14.00-19.45 | I-IX | M. Gutbier, DDS |
| 2 3 | C | 15.03.2021 – 17.03.2021 22.03.2021 – 26.03.2021 | 14.00-19.45 8.00-13.45 | I-IX | M. Kowalczyk Zajac, PhD |
| 4 | E | 12.04.2021-16.04.2021 19.04.2021-21.04.2021 | 8.00-13.45 14.00-19.45 | I-IX | Dr Kobierska – Brzoza, PhD, Dr |
| 7 | D | 25.05.2021-28.05.2021 01.06.2021-08.06.2021 | 8.00-13.45 14.00-19.45 | I-IX | D. Piesiak- Pańczyszyn, DDS |

SEMINARS IV YEAR– PAEDIARIC DENTISTRY AND DENTAL PROPHYLAXIS
Semester 8, academic year 2020/2021

Seminar 1

1. Diseases of the pulp of primary teeth: etiopathogenesis, symptomatology, classifications, diagnostics. treatment and Medicaments and materials in endodontic treatment of primary teeth.
Complications during and after treatment, prognosis.
2. Treatment - medicaments and materials used in endodontic treatment of primary teeth.
Complications during and after treatment, prognosis.

THURSDAY, 10.06.2021 – 11.15 – 14.25

GORUP: A B C D E F

Tutor: D. Piesiak-Pańczyszyn, DDS

Seminar 2

1. Pulp diseases of immature permanent teeth: etiopathogenesis, symptomatology, classification, diagnosis, treatment and prognosis
2. Treatment – medicaments and materials used in endodontic treatment
3. Complications during and after treatment
4. Apexification and apexogenesis

FRIDAY, 11.06.2021 – 11.15 – 14.25

GORUP: A B C D E F

Tutor: D. Piesiak-Pańczyszyn, DDS

Seminar 3

1. Post-traumatic tooth injuries: etiology, epidemiology, classifications, interview, additional examinations.
2. Protocol of dealing with traumatic injuries.
3. Injuries of deciduous teeth: frequency of injuries, etiology, symptoms, diagnosis, therapeutic protocol to be followed, prognosis, follow-up visits, complications - impact of injuries on permanent tooth buds
4. Prevention of traumatic tooth injuries

MONDAY, 14.06.2021 – 11.15 – 14.25

GORUP: A B C D E F

Tutor: Dr Kobierska –Brzoza, PhD, Dr

Seminar 4

1. Injuries of immature permanent teeth: frequency of injuries, etiology, symptoms, examinations, therapeutic protocol to be followed, prognosis, complications after dental injuries: presentation of the therapeutic management of clinical cases
2. Prevention of traumatic tooth injuries
3. Injury prevention, risk factors and risk groups (standard and individual splints)
4. Differentiation of injuries: accidental and intentional (abused child), treatment in the case of suspected child abuse.
5. Autotransplantation - patient and tooth selection, prognosis.
6. Radiology regarding traumatic injuries.

TUESDAY, 15.06.2021 – 11.15 – 14.25

GORUP: A B C D E F

Tutor: Dr Kobierska –Brzoza, PhD, Dr

Seminar 5

1. Periodontal and gingival diseases in developmental age, clinical examination, assessment of the condition of periodontium and hygiene (indicators: BPE - basic periodontal examination, GI- gingival index, PI - plaque index, API – aproximal plaque index, GOI – gingival overgrowth index, additional examinations; radiological, treatment procedures, prognosis.

WEDNESDAY, 16.06.2021

11.15 – 14.25

GORUP: A B C D E F

Tutor: M. Gutbier, DDS

Conditions of completing the course of Paediatrics Dentistry and Dental Prophylaxis – IV year

1. Seminars:

- Attendance at all seminars is obligatory,
- Students participate in seminars in the groups designated by the Dean's Office, i.e. they do not change seminar groups,
- In the event of absence from the seminar or lack of preparation, the student is tested on the material with the tutor
- Knowledge acquired at seminars is checked at a given seminar and marked

2. Practical classes:

- Attendance at **all** practical classes is obligatory, three late arrivals (in total over 45 minutes) are considered as 1 absence
- It is allowed to make up **one class** per semester with another group after obtaining a **written consent** of your tutor.
- It is the student's responsibility to prepare the subject of the scheduled class and this is a condition for admission to practical classes (passing before each exercise), unprepared student is only allowed to assist

3. Lectures:

- Attendance at all lectures is obligatory
- The knowledge acquired during the lectures is checked and assessed during exercises.

4. Mandatory procedures:

- I - restoration of 15 cavities in primary and immature permanent teeth:
 - One surface- 8
 - 2 surfaces - 4
 - 3 and more surfaces – 3
- II - Endodontic treatment of 3 teeth (4 canals) primary and immature permanent teeth
- III - medical history of each new patient
- IV - interpretation of at least 2 radiographs
- V - hygienic and dietary instruction for each first-time patient
- VI - control of preventive recommendations

5. **Semester credit:** credit test, partial tests, obligatory practical procedures.

6. **Final exam:** after X semester

Literature - IV year paediatric dentistry and dental prophylaxis

Obligatory literature:

1. Cameron AC, Widmer RP: Handbook of paediatric dentistry. 4th ed. Mosby, St Louis 2013
2. Koch G, Poulsen S: Paediatric dentistry - a clinical approach. Blackwell Munksgaard, 2009.
3. Welbury RR, Duggal MS, Hosey M-T: Paediatric dentistry. Oxford: Oxford University Press, 2005.
4. Andreasen JO, Bakjland LK, Flores MT, Andreasen FM, Andreasen L: Traumatic dental injuries. A manual. 2011.

Recommended literature

1. Scully C, Welbury R: Color Atlas of Oral Diseases in Children and Adolescents. Wolfe Publishing, 2001
2. McDonald RE, Avery DR, Dean JA: Dentistry for the Child and Adolescent, Elsevier 2011.
3. Pinkham JR, Casamassimo PS, Fields H.W., McTigue D.J., Novak A.J.: Paediatric Dentistry: Infancy through Adolescence, 4th ed/ 2005

Prepared:

Reviewed:

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