



Paediatric dentistry and dental prophylaxis

1. IMPRINT	
Academic Year	2023/2024
Department	Faculty of Dental Medicine
Field of study	English Dentistry Division
Main scientific discipline <i>(in accordance with the Annex to the Regulation of the Minister of Lower Education of 26 July 2019)</i>	Medical sciences
Study Profile	General academic
Level of studies	Uniform MSc
Form of studies	Full-time program
Type of module / course	Obligatory
Form of verification of learning outcomes	Completion
Educational Unit / Educational Units <i>(and address(es) of unit(s))</i>	Department of Paediatric Dentistry of WUM Blinieckiego 6 street 02-097 Warsaw, phone number: 22 116 64 24 e-mail: pedodoncja@wum.edu.pl

Head of Educational Unit / Heads of Educational Units	Prof. dr hab. n. med. Dorota Olczak-Kowalczyk	
Course coordinator	Prof. dr hab. n. med. Dorota Olczak-Kowalczyk dorota.olczak-kowalczyk@wum.edu.pl	
Person responsible for syllabus	Dr hab. n. med. Anna Turska-Szybka anna.turska-szybka@wum.edu.pl	
Lecturers	prof. dr hab. n. med. Dorota Olczak-Kowalczyk dr hab. n. med. Anna Turska-Szybka dr n. med. Halszka Boguszewska-Gutenbaum dr n. med. Iwona Sobiech dr n. med. Piotr Sobiech dr n. med. Paula Piekoszewska-Ziętek dr n. med. Angelika Kobylńska dr n. med. Katarzyna Białoszewska lek. dent. Małgorzata Dudek lek. dent. Maja Lipiec lek. dent. Michał Gefrerer lek. dent. Gabriela Grochowska lek. dent. Andrzej Kołodziejczyk lek. dent. Sara Shamsa-Nieckula lek. dent. Karolina Spodzieja lek. dent. Wiktoria Mól lek. dent. Renata Węgrzyn lek. dent. Barbara Kapuścińska	dorota.olczak-kowalczyk@wum.edu.pl anna.turska-szybka@wum.edu.pl halszka.boguszewska@wum.edu.pl iwona.sobiech@wum.edu.pl piotr.sobiech@wum.edu.pl ppiekoszewska@wum.edu.pl angelika.kalinska@wum.edu.pl katarzyna.bialoszewska@wum.edu.pl malgorzata.dudek@wum.edu.pl maja.lipiec@wum.edu.pl michal.gefrerer@wum.edu.pl ggrochowska@wum.edu.pl andrzej.kolodziejczyk@wum.edu.pl sara.shamsa@wum.edu.pl karolina.spodzieja@wum.edu.pl wiktoria.mol@wum.edu.pl renata.wegrzyn@wum.edu.pl barbara.kapuscinska@wum.edu.pl

2. BASIC INFORMATION

Year and semester of studies	4 th year, 7 th , 8 th semester	Number of ECTS credits	5,00
FORM OF CONDUCTING CLASSES		Number of hours	ECTS credits calculation
Contact hours with an academic teacher			
lecture (L) (in the form of e-learning)		9	0,3
Seminar (S) (in the form of e-learning)		18	0,6
Exercises (E)		66	2,2
e-learning (e-L)		-	-
Practical classes (PC)		-	-

Professional practice (PP)	-	-
Student independent work		
Preparation for classes and completions	53	1,9

3. COURSE OBJECTIVES

C1	Mastering the knowledge allowing for the diagnosis and differentiation of pathologies within the oral cavity in the field of pediatric dentistry.
C2	Developing skills in the diagnosis and differentiation of pathologies within the oral cavity, determining therapeutic needs and planning of management (selection of ways and methods of treatment) in patients of developmental age depending on the type of teeth, age, general condition and cooperation.
C3	Developing and improving practical skills in performing preventive and therapeutic procedures, aimed at preparing students for independent practice of the profession as part of child and youth care in the field of developmental dentistry.
C4	Acquisition of practical skills to reduce the pain and anxiety of the patient associated with dental treatment.
C5	Develop practical communication skills.

4. STANDARDS OF LEARNING – DETAILED DESCRIPTION OF EFFECTS OF LEARNING *(concerns fields of study regulated by the Regulation of Minister of Science and Higher Education from 26 of July 2019; does not apply to other fields of study)*

Code and number of effect of learning in accordance with standards of learning <i>(in accordance with appendix to the Regulation of Minister of Science and Higher education from 26th of July 2019)</i>	Effects in terms of
Knowledge – Graduate* knows and understands:	
F.W2.	principles of preventive and therapeutic treatment in diseases of the masticatory system in different periods of development;
F.W4.	symptoms, course and management of specific diseases of the mouth, head and neck, taking into account age groups;
F.W5.	rules of conduct in the case of diseases of pulp and mineralized tooth tissues as well as injuries of teeth and facial bones;
F.W6.	rules of conduct in case of periapical tissue diseases;
F.W7.	morphology of dental cavities and principles of endodontic treatment and instruments used in this treatment;
F.W9.	diagnostics and methods of treatment of periodontium and diseases of the oral mucosa;
F.W12.	causes of complications of diseases of the stomatognathic system and rules of conduct in case of such complications;
F.W15.	therapeutic methods of reducing and tolerating pain and reducing anxiety and stress;

F.W16.	principles of anesthesia in dental procedures and basic pharmacological agents;
F.W19.	pathomechanism of the impact of oral diseases on general health;
F.W20.	pathomechanism of the impact of general diseases or therapies on the oral cavity;
F.W21.	prevention of oral diseases;
F.W22.	rules of conduct in case of diseases of masticatory tissues, injuries of teeth and jaw bones;
D.W11.	principles of motivating the patient to pro-health behaviors and informing about unfavorable prognosis;
G.W15.	principles of disease prevention and improvement of health.
Skills – Graduate* can:	
D.U1.	take into account in the process of therapeutic treatment the subjective needs and expectations of the patient resulting from socio-cultural conditions;
D.U2.	spot and respond to signs of anti-health and self-destructive behaviors;
D.U4.	build an atmosphere of trust throughout the entire diagnostic and treatment process;
D.U5.	take measures to improve the patient's quality of life and prevent it from deteriorating in the future;
D.U6.	conduct a conversation with an adult, child and family using the technique of active listening and expressing empathy;
D.U7.	identify risk factors for violence, recognize violence and respond appropriately;
D.U8.	use basic psychological motivational and supportive interventions;
D.U12.	respect the rights of the patient;
F.U1.	conduct a medical interview with the patient or his family;
F.U3.	explain to the patient the essence of his ailments, determine the method of treatment confirmed by the informed consent of the patient and prognosis;
F.U4.	provide the patient or his family with information about the unfavorable prognosis;
F.U5.	collect and secure material for diagnostic tests, including cytological tests;
F.U6.	interpret the results of additional tests and consultations;
F.U7.	determine indications and contraindications for a specific dental procedure;
F.U8.	treat acute and chronic, odontogenic and non-odontogenic inflammatory processes of soft tissues of the mouth, periodontium and jaw bones;

F.U9.	to act in case of general and local complications during and after dental procedures;
F.U11.	keep current patient records, write referrals for examinations or specialist dental and general medical treatment;
F.U13.	present selected medical problems orally or in writing, in a manner adequate to the level of recipients;
F.U15.	establish treatment in diseases of the tissues of the stomatognathic system;
F.U16.	use appropriate medications during and after dental surgery to relieve pain and anxiety;
G.U7.	plan activities in the field of prevention and health promotion and implement promotional activities concerning the health of the population;
G.U15.	provide the patient with the information they need to promote oral health;
G.U26.	keep medical records.

*The annexes to the Regulation of the Minister of National Heritage of 26 July 2019 refer to a "graduate", not a student

5. OTHER LEARNING OUTCOMES <i>(optional)</i>	
Learning outcome number	Effects in terms of
Knowledge – The graduate knows and understands:	
W1	-
Skills – The graduate can:	
U1	-
Social competences – The graduate is ready to:	
K1	Assessment of the patient's communication capabilities depending on age, type and degree of disability; the use of behavioral methods in communication with the patient and his caregiver.
K2	Continuous improvement of the level of your knowledge and skills.

6. CLASSES		
Form of classes	Program content	Learning outcomes

<p>Lectures</p>	<p>L 1*- Lecture 1 - Diseases of the pulp of permanent teeth with unfinished root development. Causes and therapeutic methods. Morphological and functional specificity of tooth pulp with unfinished root development. Stages of development of the root of a permanent tooth. Causative factors of permanent tooth pulpopathy. Treatment depending on the condition of the pulp and the stage of tooth development: direct and indirect covering, partial and total pulp amputation, pulp extirpation – apexification and regenerative methods. Procedures and medicaments applied.</p> <p>L 2*- Lecture 2 - Traumatic lesions of milk teeth. Classifications, diagnostics, causes, treatment methods. Classification of traumatic injuries of teeth. Rules for examining a child after an injury. Differentiation of accidental and non-accidental injuries. First aid for milk dental injuries. Diagnosis of traumatic damage and treatment in individual types of milk tooth injuries on examples of own clinical cases.</p> <p>L 3*- Lecture 3 - Traumatic damage to permanent teeth – causes, classifications, treatment methods. First aid for injuries - methods of securing the fracture surface and ways to immobilize permanent teeth. Diagnosis of traumatic injury, prognosis and treatment in individual types of permanent dental injuries on examples of own clinical cases. Factors determining the effectiveness of treatment. The most common post-traumatic complications.</p> <p>L 4* - Lecture 4 - Developmental abnormalities of tooth enamel. Classifications of developmental disorders of mineralized tooth tissues: quantitative/qualitative changes, DDE-Index. Etiological factors - genetic and environmental/local and systemic. The importance of epigenetic factors. Differential diagnosis of enamel malformations: fluorotic and non-fluorotic. Clinical picture and treatment of enamel opacities and hypoplasia, fluorosis, molar-incisor hypomineralization, <i>amelogenesis imperfecta</i>.</p> <p>L 5* - Lecture 5 - Diseases of the oral mucosa and periodontal tissues in patients of developmental age. Diffuse and limited lesions on the oral mucosa commonly occurring in children and adolescents -aetiology (infectious and non-infectious), clinical picture and treatment. Features of periodontal tissues in the</p>	<p>F.W2.; F.W4. F.W5.; F.W6. F.W7.; F.W9.;F.W12. F.W15.; F.W16; F.W19.; F.W21. F.W22.; D.W11.</p> <p>F.W2.; F.W4. F.W5.; F.W6. F.W7.; F.W12. F.W19.; F.W21. F.W22.; D.W11.</p> <p>F.W2.; F.W4. F.W5.; F.W6. F.W7.; F.W12. F.W19.; F.W21. F.W22.;</p> <p>F.W2.; F.W4.; F.W5.; F.W6. F.W7.; F.W12. F.W19.; F.W21. F.W22.;</p> <p>F.W2.; F.W4. F.W6.; F.W7.; F.W9.; F.W12. F.W19.; F.W21. F.W22.; D.W11.</p>
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	<p>period of milk, mixed and permanent dentition in the developmental age. Diseases of periodontal tissues: the peculiarities of the course of the disease process and the importance of etiological factors (local and systemic) in children. Clinical picture of periodontal tissue inflammation in a generally healthy child and in immunodeficiency. Gingival hyperplasia and non-inflammatory destruction - causal factors. Diagnosis of periodontal tissue diseases – indicators used to assess the state of hygiene and the condition of the gums in children. Assessment of periodontal condition and therapeutic needs using a modified BPE (Basic Periodontal Examination). Drugs for the treatment of periodontal tissue in children.</p> <p>L 6* - Lecture 6 - Implications of general diseases in the oral cavity. Dental management in children with chronic diseases.</p> <p>Interdependence of the general state and the condition of the oral cavity - systemic factors of lesions in the oral cavity and the impact of pathologies in the oral cavity on general health. Examples of symptoms of general diseases in the oral cavity (including discolouration, mucosal and gum hyperplasia, periodontal destruction, erosions and ulcers, candidiasis). The importance of dental examination in the diagnosis of general diseases in children. Systemic factors influencing diagnostic decisions and the choice of dental treatment methods. Dental treatment in a chronically ill child (including immunodeficiency, asthma, heart defect, anticancer therapy).</p> <p>* The lectures will take place in the form of e-learning, they will be available to students in the period specified in the timetable</p>	<p>F.W2.; F.W4. F.W6. F.W7.; F.W12. F.W19.; F.W21. F.W22.; D.W11.</p>
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<p>Seminars</p>	<p>S1- Seminar 1* The risk of caries disease and methods of treating caries of deciduous and permanent immature teeth. Risk assessment forms. Methods for assessing the level of caries risk: CAMBRA, Cariogram, ICCMS, assessment according to CariesCare. Principles of individualized planning of dental care based on risk assessment depending on the level of caries risk, the child's age, individual needs and the quality of cooperation with the child and parents Clinical cases.</p> <p>S2- Seminar 2* Malformations of enamel and dentin. Recognition of developmental abnormalities of enamel or dentin, selection of treatment method. Presentation of the image of developmental abnormalities of tooth tissues in genetic syndromes.</p> <p>S3- Seminar 3* Treatment of pulp diseases in permanent teeth with unfinished root development – clinical cases. Detailed discussion of treatment procedures of individual endodontic treatment methods.</p> <p>S4- Seminar 4* Milk tooth injuries - diagnostic and therapeutic procedures in individual types of post-traumatic damage. Diagnosis and therapeutic management in injuries of tooth suspension braces: shock, subluxation, extrusion, intrusion, lateral dislocation, total dislocation. Diagnosis and therapeutic management in fractures of hard tooth tissues: rupture and fracture of enamel, complicated and uncomplicated enamel-dentin fracture, complicated and uncomplicated crown-radicular fracture, root fracture. Diagnosis and therapeutic management of alveolar bone fracture. Effects of milk teeth injuries in permanent dentition.</p> <p>S5- Seminar 5* Permanent tooth injuries - diagnostic and therapeutic procedures in individual types of post-traumatic damage. Diagnosis and therapeutic management of tooth suspension braces: shock, subluxation, extrusion, intrusion, lateral dislocation. Diagnostics, first aid and therapeutic management of total dislocation of mature and immature permanent tooth. Diagnosis and therapeutic management in fractures of hard tooth tissues: rupture and fracture of enamel, complicated and uncomplicated enamel-dentin fracture, complicated and uncomplicated crown-radicular fracture, root fracture. Diagnosis and therapeutic management of alveolar bone fracture.</p> <p>S6 - Seminar 6* Complications of pulpopathy and post-traumatic damage to teeth. Diagnosis and methods of conservative treatment.</p> <p>S7- Seminar 7* Selected issues in dental surgery in patients of developmental age.</p>	<p>F.W2.; F.W4. F.W5.; F.W22.</p> <p>F.W2.; F.W4. F.W5.; F.W22.</p> <p>F.W2.; F.W4. F.W5.; F.W6. F.W7.; F.W22.</p> <p>F.W2.; F.W4. F.W5.; F.W6. F.W7.; F.W22.</p> <p>F.W2.; F.W4. F.W5.; F.W6. F.W7.; F.W22. D.W11.</p> <p>F.W2.; F.W4. F.W5.; F.W6. F.W7.; F.W22. D.W11.</p> <p>F.W2.; F.W4. F.W5.; F.W6. F.W7.; F.W12.</p>	<p>Selected issues in dental surgery in patients of developmental age. Rules of treatment in case of odontogenic infections in the oral cavity in a child (abscess, fistula). Indications and contraindications for the extraction of milk and permanent teeth in children. preparation for surgery (antibiotic cover, haematological preparation), local anaesthesia</p>
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	<p>Rules of treatment in case of odontogenic infections in the oral cavity in a child (abscess, fistula). Indications and contraindications for the extraction of milk and permanent teeth in children. Preparation for surgery (antibiotic cover, haematological preparation), local anaesthesia. Indications for the use of general antibiotic therapy. Management of milk tooth reinclusions. Post-extraction complications. Anesthetics and anesthesia methods for surgical procedures in children. Difficult tooth eruption, frenulum, mucocelle and proliferative changes – whether and how to treat surgically.</p> <p>S8- Seminar 8* Dental care for non-cooperating and disabled patients. Sedation in nitrous oxide, the rules of treatment under general anesthesia - qualification for treatment and selection of therapeutic methods.</p> <p>S9- Seminar 9* Checking the news – a test colloquium covering knowledge of the subject of lectures and seminars acquired during the fourth year of studies.</p>	<p>F.W19.;F.W21.; F.W22.</p> <p>F.W2.; F.W4. F.W5.; F.W6. F.W7.; F.W12. F.W19.;F.W21.; F.W22.; D.W11.</p> <p>F.W2.; F.W4. F.W5.; F.W6. F.W7.; F.W12. F.W19.; F.W21. F.W22.; F.W2. F.W4.; F.W5. F.W6.; F.W7. F.W12.; F.W19. F.W21.; F.W22.; D.W11.</p>
<p>Exercise</p>	<p>E1 – Exercise 1 - Organization of work and didactic course in the fourth year of the subject of Paediatric dentistry and dental prophylaxis. Health and safety at work. Post-exposure procedure in case of occupational exposure to infectious material. Record keeping.</p> <p>E2 - Exercise 2 - Examination of the patient. Caries risk assessment. Establishing an individual diagnostic, prophylactic and therapeutic plan and performing preventive, prophylactic and therapeutic procedures in accordance with the patient's needs.</p>	<p>F.W2.; F.W4.; F.W5.; F.W6.; F.W7.; F.W8.; F.W9.; F.W11.; F.W12.; F.W15.; F.W16.;F.W19.; F.W20.; F.W21.; F.W22.; F.W23.; D.W11.; D.W15.; D.U1.; D.U2.; D.U4.; D.U5.; D.U6.; D.U7.; D.U8.; D.U12.; F.U1.; F.U3.; F.U4.; F.U5.; F.U6.; F.U7.; F.U8.; F.U9.; F.U11.; F.U13.; F.U14.; F.U15.; F.U16.; G.U7.; G.U26.;</p> <p>F.W2.; F.W4.; F.W5.; F.W6.; F.W7.; F.W8.; F.W9.; F.W11.; F.W12.; F.W15.; F.W16.; F.W19.; F.W20.; F.W21.; F.W22.; F.W23.; D.W11.; D.W15.; D.U1.; D.U2.; D.U4.;</p>

	D.U5.; D.U6.; D.U7.; D.U8.; D.U12.; F.U1.; F.U3.; F.U4.; F.U5.; F.U6.; F.U7.; F.U8.; F.U9.; F.U11.; F.U13.; F.U14.; F.U15.; F.U16.; G.U7.; G.U26.;
<p>E3 - Exercise 3 - ECC, s-ECC – definition, etiopathogenesis, prevention, treatment. Establishing a diagnostic, prophylactic-therapeutic plan and performing prophylactic, prophylactic-therapeutic and therapeutic procedures in accordance with the patient's needs.</p>	<p>F.W2.; F.W4.; F.W5.; F.W6.; F.W7.; F.W8.; F.W9.; F.W11.; F.W12.; F.W15.; F.W16.; F.W19.; F.W20.; F.W21.; F.W22.; F.W23.; D.W11.; D.W15.; D.U1.; D.U2.; D.U4.; D.U5.; D.U6.; D.U7.; D.U8.; D.U12.; F.U1.; F.U3.; F.U4.; F.U5.; F.U6.; F.U7.; F.U8.; F.U9.; F.U11.; F.U13.; F.U14.; F.U15.; F.U16.; G.U7.; G.U26.;</p>
<p>E4 - Exercise 4 - Caries in permanent "immature" teeth. Establishing a diagnostic, prophylactic-therapeutic plan and performing prophylactic, prophylactic-therapeutic and therapeutic procedures in accordance with the patient's needs.</p>	<p>F.W2.; F.W4.; F.W5.; F.W6.; F.W7.; F.W8.; F.W9.; F.W11.; F.W12.; F.W15.; F.W16.; F.W19.; F.W20.; F.W21.; F.W22.; F.W23.; D.W11.; D.W15.; D.U1.; D.U2.; D.U4.; D.U5.; D.U6.; D.U7.; D.U8.; D.U12.; F.U1.; F.U3.; F.U4.; F.U5.; F.U6.; F.U7.; F.U8.; F.U9.; F.U11.; F.U13.; F.U14.; F.U15.; F.U16.; G.U7.; G.U26.;</p>
<p>E5 – Exercise 5 – Oral health monitoring – overview. Indicators of the condition of the oral cavity. Establishing a diagnostic, prophylactic-therapeutic plan and performing prophylactic, prophylactic-therapeutic and therapeutic procedures in accordance with the patient's needs.</p>	<p>F.W2.; F.W4.; F.W5.; F.W6.; F.W7.; F.W8.; F.W9.; F.W11.; F.W12.; F.W15.; F.W16.; F.W19.; F.W20.; F.W21.; F.W22.; F.W23.; D.W11.; D.W15.; D.U1.; D.U2.; D.U4.; D.U5.; D.U6.; D.U7.; D.U8.;</p>

		D.U12.; F.U1.; F.U3.; F.U4.; F.U5.; F.U6.; F.U7.; F.U8.; F.U9.; F.U11.; F.U13.; F.U14.; F.U15.; F.U16.; G.U7.; G.U26.;
	E6 – Exercise 6 – Rules for the preparation of carious cavities in deciduous and permanent "immature teeth". Establishing a diagnostic, prophylactic-therapeutic plan and performing prophylactic, prophylactic-therapeutic and therapeutic procedures in accordance with the patient's needs.	F.W2.; F.W4.; F.W5.; F.W6.; F.W7.; F.W8.; F.W9.; F.W11.; F.W12.; F.W15.; F.W16.; F.W19.; F.W20.; F.W21.; F.W22.; F.W23.; D.W11.; D.W15.; D.U1.; D.U2.; D.U4.; D.U5.; D.U6.; D.U7.; D.U8.; D.U12.; F.U1.; F.U3.; F.U4.; F.U5.; F.U6.; F.U7.; F.U8.; F.U9.; F.U11.; F.U13.; F.U14.; F.U15.; F.U16.; G.U7.; G.U26.;
	E7 - Exercise 7 – Fissure sealing, PRR-1, PRR-2. Establishing a diagnostic, prophylactic-therapeutic plan and performing prophylactic, prophylactic-therapeutic and therapeutic procedures in accordance with the patient's needs.	F.W2.; F.W4.; F.W5.; F.W6.; F.W7.; F.W8.; F.W9.; F.W11.; F.W12.; F.W15.; F.W16.; F.W19.; F.W20.; F.W21.; F.W22.; F.W23.; D.W11.; D.W15.; D.U1.; D.U2.; D.U4.; D.U5.; D.U6.; D.U7.; D.U8.; D.U12.; F.U1.; F.U3.; F.U4.; F.U5.; F.U6.; F.U7.; F.U8.; F.U9.; F.U11.; F.U13.; F.U14.; F.U15.; F.U16.; G.U7.; G.U26.;
	E8, E9 - Exercise 8 i 9 - Diseases of the pulp in deciduous teeth – diagnostics, therapeutic management, prognosis. Establishing a diagnostic, prophylactic-therapeutic plan and performing prophylactic, prophylactic-therapeutic and therapeutic procedures in accordance with the patient's needs.	F.W2.; F.W4.; F.W5.; F.W6.; F.W7.; F.W8.; F.W9.; F.W11.; F.W12.; F.W15.; F.W16.; F.W19.; F.W20.; F.W21.; F.W22.; F.W23.; D.W11.; D.W15.; D.U1.; D.U2.; D.U4.; D.U5.;

		D.U6.; D.U7.; D.U8.; D.U12.; F.U1.; F.U3.; F.U4.; F.U5.; F.U6.; F.U7.; F.U8.; F.U9.; F.U11.; F.U13.; F.U14.; F.U15.; F.U16.; G.U7.; G.U26.;
E10, E11 – Exercise 10 i 11 - Pulp diseases in permanent teeth with unfinished root development, apexification, apexogenesis, regenerative management. Establishing a diagnostic, prophylactic-therapeutic plan and performing prophylactic, prophylactic-therapeutic and therapeutic procedures in accordance with the patient's needs.		F.W2.; F.W4.; F.W5.; F.W6.; F.W7.; F.W8.; F.W9.; F.W11.; F.W12.; F.W15.; F.W16.; F.W19.; F.W20.; F.W21.; F.W22.; F.W23.; D.W11.; D.W15.; D.U1.; D.U2.; D.U4.; D.U5.; D.U6.; D.U7.; D.U8.; D.U12.; F.U1.; F.U3.; F.U4.; F.U5.; F.U6.; F.U7.; F.U8.; F.U9.; F.U11.; F.U13.; F.U14.; F.U15.; F.U16.; G.U7.; G.U26.;
E12- Exercise 12 - Tooth extractions in developmental age. Management of abscess. Establishing a diagnostic, prophylactic-therapeutic plan and performing prophylactic, prophylactic-therapeutic and therapeutic procedures in accordance with the patient's needs.		F.W2.; F.W4.; F.W5.; F.W6.; F.W7.; F.W8.; F.W9.; F.W11.; F.W12.; F.W15.; F.W16.; F.W19.; F.W20.; F.W21.; F.W22.; F.W23.; D.W11.; D.W15.; D.U1.; D.U2.; D.U4.; D.U5.; D.U6.; D.U7.; D.U8.; D.U12.; F.U1.; F.U3.; F.U4.; F.U5.; F.U6.; F.U7.; F.U8.; F.U9.; F.U11.; F.U13.; F.U14.; F.U15.; F.U16.; G.U7.; G.U26.;
E13 - Exercise 13 - Diseases of the mucous membrane, gums and periodontium in developmental age. Establishing a diagnostic, prophylactic-therapeutic plan and performing prophylactic, prophylactic-therapeutic and therapeutic procedures in accordance with the patient's needs.		F.W2.; F.W4.; F.W5.; F.W6.; F.W7.; F.W8.; F.W9.; F.W11.; F.W12.; F.W15.; F.W16.; F.W19.; F.W20.; F.W21.; F.W22.; F.W23.; D.W11.;

		D.W15.; D.U1.; D.U2.; D.U4.; D.U5.; D.U6.; D.U7.; D.U8.; D.U12.; F.U1.; F.U3.; F.U4.; F.U5.; F.U6.; F.U7.; F.U8.; F.U9.; F.U11.; F.U13.; F.U14.; F.U15.; F.U16.; G.U7.; G.U26.;
	E14 - Exercise 14 – Injuries to milk and permanent teeth. Establishing a diagnostic, prophylactic-therapeutic plan and performing prophylactic, prophylactic-therapeutic and therapeutic procedures in accordance with the patient's needs.	F.W2.; F.W4.; F.W5.; F.W6.; F.W7.; F.W8.; F.W9.; F.W11.; F.W12.; F.W15.; F.W16.; F.W19.; F.W20.; F.W21.; F.W22.; F.W23.; D.W11.; D.W15.; D.U1.; D.U2.; D.U4.; D.U5.; D.U6.; D.U7.; D.U8.; D.U12.; F.U1.; F.U3.; F.U4.; F.U5.; F.U6.; F.U7.; F.U8.; F.U9.; F.U11.; F.U13.; F.U14.; F.U15.; F.U16.; G.U7.; G.U26.;
	E15 - Exercise 15 - Developmental abnormalities of hard tissues of teeth. Passing the exercises. Establishing a diagnostic, prophylactic-therapeutic plan and performing prophylactic, prophylactic-therapeutic and therapeutic procedures in accordance with the patient's needs.	F.W2.; F.W4.; F.W5.; F.W6.; F.W7.; F.W8.; F.W9.; F.W11.; F.W12.; F.W15.; F.W16.; F.W19.; F.W20.; F.W21.; F.W22.; F.W23.; D.W11.; D.W15.; D.U1.; D.U2.; D.U4.; D.U5.; D.U6.; D.U7.; D.U8.; D.U12.; F.U1.; F.U3.; F.U4.; F.U5.; F.U6.; F.U7.; F.U8.; F.U9.; F.U11.; F.U13.; F.U14.; F.U15.; F.U16.; G.U7.; G.U26.;

7. LITERATURE

Mandatory

1. Współczesna Stomatologia Wieku Rozwojowego. Olczak-Kowalczyk D., Szczepańska J., Kaczmarek U. Med Tour Press International, 2017 (rozdziały 3-5, 7, 10, 12-15, 17-56, 59-64, 67, 71).
2. Kompendium stomatologii wieku rozwojowego. red. Olczak-Kowalczyk D., Otwock. Med. Tour Press, 2022.

3. Procedury w stomatologii dziecięcej, red. Olczak-Kowalczyk D., Piekoszewska-Ziętek P. Warszawski Uniwersytet Medyczny, Warszawa, 2023.

Supplementary

1. Pediatric Dentistry Cameron A.C., Widmer R.P., Polish second edition edited U. Karczmarek, Urban & Partner, Wrocław 2013.
2. Pacjent w gabinecie stomatologicznym Kobieta w ciąży. Olczak-Kowalczyk D., Kobylińska A. Wydawnictwo Lekarskie PZWL 2022.
3. Farmakoterapia zakażeń stomatologicznych u dzieci i młodzieży. Olczak-Kowalczyk D., Med. Tour Press International, 2015.
4. Choroby błony śluzowej i przyzębia wieku rozwojowego. Olczak-Kowalczyk D., Górka R., Warszawski Uniwersytet Medyczny, 2009.
5. Wprowadzenie do stomatologii dziecięcej. Olczak-Kowalczyk D., Wagner L., WUM, 2012.
6. Endodoncja wieku rozwojowego i dojrzałego. Barańska-Gachowska M., Wydawnictwo Czelej, 2021.
7. Zapobieganie i leczenie choroby próchnicowej u dzieci. Olczak-Kowalczyk D., Wagner L., Wydawnictwo Medyczne Borgis, Warszawa, 2013.
8. Journal of Stomatology, PTS.
9. Modern Dentistry. Med. Tour Press International.
10. New Dentistry, Quarterly, Borgis Medical Publishing House. Warsaw.
11. Website of the Polish Society of Paediatric Dentistry: www.ptsd.net.pl

8. WAYS OF ASSESSING LEARNING OUTCOMES

Symbol of the learning outcome:	Ways to verify the learning outcome:	Passing criterion
F.W2.; F.W4.; F.W5.; F.W6.; F.W7.; F.W8.; F.W9.; F.W11.; F.W12.; F.W15.; F.W16.; F.W19.; F.W20.; F.W21.; F.W22.; F.W23.; D.W11.; D.W15.; D.U1.; D.U2.; D.U4.; D.U5.; D.U6.; D.U7.; D.U8.; D.U12.; F.U1.; F.U3.; F.U4.; F.U5.; F.U6.; F.U7.; F.U8.; F.U9.; F.U11.; F.U13.; F.U14.; F.U15.; F.U16.; G.U7.; G.U26.;	<p><u>Seminars</u>- Passing seminars takes the form of an oral answer during the course. In the case of failure to pass the seminar (absence, failure to answer the questions asked), the date and form of passing the classes should be agreed with the assistant teacher. In the case of repeated non-passing, the commission credit may take place only with the consent of the Head of the Department of Paediatric Dentistry.</p> <p>The seminars conclude with a final colloquium. <u>The colloquium takes the form</u> of a test consisting of 20 single-choice questions, including the content presented at lectures and seminars .</p> <p><u>Exercise</u>: Evaluation of the student's work during the exercises. Passing exercises is based on: presence and active participation in exercises – implementation of preventive and therapeutic procedures in the number of at least 2/3 of the number of exercises, active assistance – maximum 1/3 of the number of exercises.</p> <p>The condition for the final passing of the course is a confirmed listening to lectures, participation and passing of each seminar, passing <u>the colloquium in the thematic scope of lectures and seminars and</u> a positive assessment of the completed cycle of exercises.</p>	<p>Attendance at all seminars is obligatory, in the case of justified absence, the date and form of credit should be agreed with the teacher.</p> <p>In the case of failure to pass the seminar (absence, failure to answer the questions asked), the date and form of passing the classes should be agreed with the assistant.</p> <p>In the event of repeated non-passing, the commission credit may take place only with the consent of the Head of the Department.</p> <p>Passing colloquium - test (20 single-choice questions) passes at <u>least 60%</u> of correct answers, i.e. the minimum 12 pts</p> <p>Assessment – criteria (introductory colloquium)</p> <p>2,0 (ndst) < 12 pts 3,0 (dost) 12-13 pts 3,5 (ddb) 14-15 pts 4,0 (db) 16-17 pts</p>

		<p>4,5 (pdb) 18-19 pts 5,0 (bdb) 20 pts</p> <p>The first and second dates of the colloquium have a test form. In the event of non-passing, the commission colloquium may be held only with the consent of the Head of the Department. Obtaining an unsatisfactory grade from the second term or the commission preliminary colloquium results in failure of the subject.</p> <p><u>Obtaining an unsatisfactory grade in the passing colloquium results in failure of the subject.</u></p> <p>The condition for the final passing of the course is a confirmed listening to lectures, participation and passing of each seminar, passing the colloquium in the thematic scope of lectures and seminars and a positive assessment of the completed cycle of exercises.</p>
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9. ADDITIONAL INFORMATION

1. The subject "Paediatric dentistry and dental prophylaxis" is carried out at the Department of Paediatric Dentistry of the Medical University of Warsaw.
2. The content presented at the lectures is a message of the latest reports and standards in the field of paediatric dentistry and is part of the exam questions. During lectures, the attendance list is verified.
3. Person responsible for teaching in 4th year – dr hab. n. med. Anna Turska-Szybka, anna.turska@wum.edu.pl
4. Information on consultation hours is placed on the notice board in the Department.
5. The student reports to classes in protective clothing (including shoes for a change) and with an ID containing the information: student, year, name, surname. Bags must be stowed in lockers located in clinical rooms. It is unacceptable not to comply with the rules of health and safety at work.
6. Please come to class on time. Late over 15 minutes is treated as absence.
7. Mobile phones are not allowed during classes and in clinical rooms.
8. Attendance at all seminars and exercises is obligatory, in the case of excused absence, the date and form of credit should be agreed with the assistant. Classes must be made up by the end of the semester. The excuse for absence should be provided at the latest for the next class after the end of the absence period.
9. Absence or failure to pass excused absences at another time, or failure to complete preventive and therapeutic procedures, or insufficient knowledge conditioning their proper performance result in an unsatisfactory assessment of the exercises, which leads to failure to pass the subject.
10. **Passing seminars** takes the form of an oral answer. In the case of failure to pass the seminar (absence, failure to answer the questions asked), the date and form of passing the classes should be agreed with the assistant (II term). In the event of repeated non-passing, the commission credit may take place only with the consent of the Head of the Department. Obtaining an unsatisfactory grade in the seminars results in failing the course.
11. The condition for **passing the exercises** is a positive assessment of the teacher conducting clinical classes, confirming the acquisition of the ability to perform specific procedures, reliable keeping of medical records and the right attitude towards the patient and staff. Obtaining an unsatisfactory grade in the exercises results in failing the course.

12. The condition for **the final passing of the course** is a confirmed listening to lectures, participation and passing of each seminar, passing the colloquium in the thematic scope of lectures and seminars and a positive assessment of the completed cycle of exercises.
13. Student Scientific Club at the Department of Paediatric Dentistry of the Medical University of Warsaw: supervisor of the Club - dr hab. n. med. Anna Turska-Szybka; Department of Paediatric Dentistry, Medical University of Warsaw, Binieckiego 6 street, 02-097 Warszawa, phone number: 22 116 64 24, e-mail: pedodoncja@wum.edu.pl anna.turska-szybka@wum.edu.pl

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ATTENTION

The final 10 minutes of the last class in the block/semester/year should be allocated to students completing the Assessment of Classes and Academic Teachers Questionnaire