



Distance learning (asynchronous)																			
Summer Semester																			
Direct (contact) education					60														
Online learning (synchronous)	15																		
Online learning (asynchronous)																			
TOTAL per year:																			
Direct (contact) education					90														
Online learning (synchronous)	15																		
Online learning (asynchronous)																			
<p>Educational objectives (max. 6 items)</p> <p>G 1. To familiarize students with the basic and specialized knowledge in the diagnosis and treatment of oral cavity diseases in children and adolescents.</p> <p>G 2. Preparing students to perform individual caries risk assessment, establishing the treatment plan and recommendations for the young patient.</p> <p>G3. Preparing students to perform restorative treatment of carious and non-carious hard dental tissues lesions as well as endodontic treatment of patients in the developmental age.</p> <p>G4. Preparing students for active participation in oral health promotion and formulation of preventive programmes.</p> <p>G5. Preparing students for diagnosing and treatment of dental developmental disturbances as well as diagnosing and treatment of dental traumatic injuries in children and adolescents.</p> <p>G6. Preparing students for management of dental anxiety and fear of a patient in developmental age.</p>																			
Education result matrix for module/course in relation to verification methods of the intended education result and the type of class																			
Number of course education result	Number of major education result	Student who completes the module/course knows/is able to			Methods of verification of intended education results (forming and summarising)					Form of didactic class <i>**enter the abbreviation</i>									
W01	F.W.1	To describe norms of occlusion and malocclusion in different stages of individual development			Oral response (F), Test (S)					CK									
W 02	F.W.3	To explain the principles of preventive-treatment procedures of oral diseases in different stages of individual development			Oral response (F)					CK									
W03	F.W.7	To define the principles of management of carious and non-carious hard dental tissues lesions			Oral response (F), Test (S)					CK									



W04	F.W.7	To describe the principles of management in dental traumatic injures	Oral response (F), Test (S)	CK
W05	F.W.7	To define symptoms of child's abuse	Oral response (F), Test (S)	CK
W06	F.W.13	To define indications and contraindication for esthetic dentistry procedures	Oral response (F), Test (S)	CK
W07	F.W.22	To describe and understand the relationships between oral health status and systemic diseases	Oral response (F), Test (S)	CK
U01	F.U01.	to perform and gather medical and dental history from the patient or the patient's parents	Clinical assessment, observation	CK
U01	F.U01.	to perform and gather medical and dental history from the patient or the patient's parents	Clinical assessment, observation	CK
U02	F.U02.	To perform clinical examination of the young patient and interpret the data	Clinical assessment, observation	CK
U03	F.U03.	To be able to explain the patient's ailments to set the optimal method of treatment confirmed by a conscious consent	Clinical assessment, observation	CK
U04	F.U07.	To be able to present indications and contraindication for dental procedures	Clinical assessment, observation	CK
U05	F.U08.	To solve the problem of disease risk assessment and select of the optimal methods of oral disease prevention	Clinical assessment, observation	CK
U06	F.U10.	To perform treatment of dental caries, pulpal diseases and periapical diseases	Clinical assessment, observation	CK
U07	F.U13.	To use and perform the current documentation of the patient, referral for investigations or specialist	Clinical assessment, observation	CK



		medical and dental consultation		
K01	K01	To cooperate in the group of professionals, in the environment multicultural and multinational	<u>Summarizing methods:</u> - constant evaluation by teacher (surveying) <u>Shaping methods:</u> - observation of student's work - discussion during classes - opinions of colleagues	CK
K02	K02	To create rules of the professional comradeship and the cooperation with representatives of other health care professionals	<u>Summarizing methods:</u> - constant evaluation by teacher (surveying) <u>Shaping methods:</u> - observation of student's work - discussion during classes - opinions of colleagues	CK
K03	K03	To participate actively in oral health promotion	<u>Summarizing methods:</u> - constant evaluation by teacher (surveying) <u>Shaping methods:</u> - observation of student's work - discussion during classes - opinions of colleagues	CK
<p>** L - lecture; SE - seminar; AC – auditorium classes; MC – major classes (non-clinical); CC – clinical classes; LC – laboratory classes; SCM – specialist classes (magister studies); CSC – classes in simulated conditions; FLC – foreign language course; PCP practical classes with patient; PE – physical education (obligatory); VP – vocational practice; SS – self-study, EL – E-learning .</p>				
<p>Please mark on scale 1-5 how the above effects place your classes in the following categories: communication of knowledge, skills or forming attitudes: Knowledge: 5 Skills: 5 Social competences: 5</p>				
Student's amount of work (balance of ECTS points)				
Student's workload (class participation, activity, preparation, etc.)			Student Workload (h)	



	Winter	Summer
1. Contact hours:	30	60
2. Online learning hours (e-learning):		
3. Student's own work (self-study):	30	60
Total student's workload	60	120
ECTS points for module/course	2	4
Comments		
Content of classes (please enter topic words of specific classes divided into their didactic form and remember how it is translated to intended educational effects)		
Lectures		
Semester 10		
No	Topic	
Lecture I	Developmental abnormalities of the dental hard tissue (disturbances of number, size, shape, structure, colour,): aetiology, patomechanism, clinical presentation, differentiation and treatment procedures.	
Lecture II	Developmental abnormalities of the dental hard tissue (disturbances of number, size, shape, structure, colour): aetiology, patomechanism, clinical presentation, differentiation and treatment procedures – continuation.	
Lecture III	Children with systemic diseases – dental treatment procedures	
Lecture IV	Oral health promotion, educational programs addressed to specific groups of children and adolescents.	
Lecture V	New trends in Pediatric Dentistry	
Seminars		
Practical classes		
Semester 9		
Class No	TOPIC	
1	Pro-health education in dental practice, oral hygiene and dietary recommendations in specific developmental periods. Analysis of the dietary record. Home and professional prophylaxis depending on the risk of caries.	
2	Repetition test (1) from 4th year (condition of admission to clinical classes): early childhood caries (ECC), caries of immature permanent teeth, caries prevention – oral hygiene, fluoride prophylaxis: home and professional, pulp diseases of deciduous and immature permanent teeth, gingivitis and periodontitis in children.	
3	Diagnostic methods of dental caries: qualitative, quantitative, ICDAS system, radiological methods.	
4	Non-operative treatment. Operative treatment of caries - MID (<i>Minimal Intervention Dentistry</i>), techniques of reconstruction of hard dental tissues, discarding, application of povidone iodine, treatment of deep caries, temporary ITR therapy, reconstruction with steel crowns.	



5	<u>Crediting test (2) from topics 1,3,4.</u>
6	Minimal invasive caries treatment (fissure sealing, PRR1, PRR2, caries infiltration, ART, chemo-mechanical, air abrasion, laser, sound and ultrasound technique).
7	Pathological changes in oral cavity; types, differentiation (lesions on the soft mucosa, hypertrophic changes, changes of salivary glands), clinical symptoms, therapeutic procedures.
8	Swelling in the face area (cysts, abscesses, oedema), history, clinical picture, examination, additional tests, differential diagnosis, treatment, recommendations.
9	<u>Crediting test (3) from topics 6,7,8.</u>
10	<u>Semestral test (4) from topics 1,3,4,6,7,8.</u>
Other	
<p>Basic literature (list according to importance, no more than 3 items)</p> <ol style="list-style-type: none"> 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 <p>Additional literature and other materials (no more than 3 items)</p> <ol style="list-style-type: none"> 1. Andreasen JO, Bakjland LK, Flores MT, Andreasen FM, Andreasen L: Traumatic dental injuries. A manual. 2011 2. Scully C, Welbury R: Color Atlas of Oral Diseases in Children and Adolescents. Wolfe Publishing, 2001 3. McDonald RE, Avery DR, Dean JA: Dentistry for the Child and Adolescent, Elsevier 2011 	
<p>Didactic resources requirements (e.g. laboratory, multimedia projector, other...)</p> <p>multimedia projector, intraoral camera, computer, local internet network, models</p>	
<p>Preliminary conditions (minimum requirements to be met by the student before starting the module/course)</p> <p>To be admitted to the 5th year classes student is required to pass the test summarizing knowledge of the subject from the 4th year, held at the end of 8 semester.</p>	
<p>Conditions to receive credit for the course (specify the form and conditions of receiving credit for classes included in the module/course, admission terms to final theoretical or practical examination, its form and requirements to be met by the student to pass it and criteria for specific grades)</p> <p>Forms of completing the course:</p> <p>Credit form: theoretical knowledge and practical skills: final test, partial tests and essay, obligatory practical procedures.</p> <p>Credit conditions:</p> <ol style="list-style-type: none"> 1. attendance at 100% practical classes in the semester is obligatory according to Student's Statutory; three late arrivals (up to 15 min) are treated as one absence 2. attendance at all seminars is obligatory; team work, interactive participation in seminars will be assessed by the lecturer 3. theoretical knowledge should be credited with positive mark with the tutor 4. practical skills should be credited on positive mark with the tutor 	



5. it is student's responsibility to prepare for the topic of the clinical classes, this is a condition of admission to clinical classes, unprepared student can work **only** as an assistant during clinical classes;
6. it is allowed to complete **only 1 clinical class** with another student's group, after obtaining the consent of assistant
7. implementation of clinical procedures

Passing the course requires passing all (100%) of practical/clinical procedures. "Conditional credit" can be obtained in case of successful realization of 90% of procedures. All procedures which were not realized during regular course should be fulfilled before final examination of the Conservative Dentistry course. This examination takes place at 5th year of the study. The last practical class is devoted to fulfil all theoretical and practical goals and objectives which were not realized during regular courses. In case of failing to pass all required goals and objectives of the course after the last course - student will receive "conditional credit" with a deadline to fulfil all areas ordained by Dean.

Number of treatment procedures on 5th year (in both semesters):

- investigation (filled in questionnaire, treatment plan) - at each new patient
- hygienic & dietetic instruction (presentation) - at each new patient
- cavities preparations and fillings (deciduous and immature permanent teeth)- 15:
1-surface -4
2-surfaces -4
3 and more surfaces -4
- endodontic treatment of deciduous and immature permanent teeth – 3 (5 root canals)
- radiological interpretation – minimum 3 ;
- minimum two-time assistance during clinical procedures

*It is obligatory to use dental clothes, dental mask and dental gloves !
The use of cellular phones during whole clinical class or seminar is strictly.*

DIPLOMA EXAM REGULATIONS

The final examination after the 10th semester of 5th year consists of two parts: practical and theoretical. Both parts of the exam are treated synonymously, i.e. the exam must be awarded at least a satisfactory grade for each part of the examination, and admission to the second part of the examination is conditioned by the first part.

- 1. Practical** – clinical interview, clinical examination, diagnosis, treatment planning, preventive recommendations, performing the clinical procedure.
- 2. Theoretical** - test consist of 100 questions. Conditions for passing: 70 % of correct answers.

Grade:	Criteria (only for courses/modules ending with an examination)
Very Good (5.0)	achievement of learning outcomes covering all relevant aspects
Good Plus (4.5)	achievement of learning outcomes covering all relevant aspects with some errors or inaccuracies
Good (4.0)	achievement of intended learning outcomes, with omitting some of the less important aspects
Satisfactory Plus (3.5)	achievement of intended learning outcomes, with omitting some important aspects or significant inaccuracies



Satisfactory (3.0)	achievement of intended learning outcomes, with omitting some important aspects or serious inaccuracies
	Criteria (only for courses/modules ending with e credit)
Credit	

Grade:	Criteria (examination evaluation criteria)
Very Good (5.0)	achievement of learning outcomes covering all relevant aspects
Good Plus (4.5)	achievement of learning outcomes covering all relevant aspects with some errors or inaccuracies
Good (4.0)	achievement of intended learning outcomes, with omitting some of the less important aspects
Satisfactory Plus (3.5)	achievement of intended learning outcomes, with omitting some important aspects or significant inaccuracies
Satisfactory (3.0)	achievement of intended learning outcomes, with omitting some important aspects or serious inaccuracies
Unit realizing the subject	Department of Pediatric Dentistry, Medical University of Wrocław
Unit address	ul.Krakowska 26 , Wrocław
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Person responsible for module	Prof. Maciej Dobrzyński, DDS, PhD
Coordinator	Prof. Maciej Dobrzyński, DDS, PhD
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List of persons conducting specific classes				
Full name	Degree/scientific or professional title	Discipline	Performed profession	Form of classes
Joanna Kobierska-Brzoza,	PhD	Dentistry	dentist	classes
Kowalczyk-Zajęc Małgorzata	PhD	Dentistry	dentist	classes
Agnieszka Czajczyńska-Waszkiewicz,	DDS	Dentistry	dentist	classes
Dagmara Piesiak-Pańczyszyn	DDS	Dentistry	dentist	classes
Marta Berdzik-Janecka,	DDS	Dentistry	dentist	classes
Agnieszka Urbańska	DDS	Dentistry	dentist	classes
Martina Gutbier	DDS	Dentistry	dentist	classes



Date of Syllabus development

20.09.2020

Syllabus developed by

Agnieszka Czajczyńska-Waszkiewicz, DDS

Signature of Head of teaching unit

Prof. Maciej Dobrzyński, DDS, PhD

Signature of Faculty Dean

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