

SYLLABUS
of the discipline "Endodontic technique in Pediatric dentistry"
(5 COURSE)
BB 1.69

I. General information	
Name of faculty	Dentistry
Educational program (branch, speciality, level of higher education, form of education)	Field of knowledge 22 «Health care» Speciality 221 «Dentistry» second (master`s) level of higher education, full-time
Academic year	2023/2024
Name of discipline , code (e-mail address on the website of Danylo Halytskyi LNMU)	Endodontic technique in Pediatric dentistry (Kaf_peddentistry@meduniv.lviv.ua)
Department (name, address, phone number, e-mail)	Pediatric Dentistry Lviv, Pekarska str 69v Tel. +38(032)276-32-41 Kaf_peddentistry@meduniv.lviv.ua
Chief of department (e-mail)	Oleksandr V. Kolesnichenko, PhD, Associate professor doctoralex1963@gmail.com
Year of study	Fifth
Semester	X
Type of discipline/ module	Selective
Teachers (names, surnames, scientific degrees and titles of teachers who teach the discipline, e-mail)	Mykola B. Fur, PhD, Assoc. Prof Olga B. Hrynyshyn PhD, Assoc. Prof.
Erasmus yes/no (discipline availability for students within the Erasmus program)	Yes
Person responsible for syllabus (e-mail)	Mykola B. Fur, PhD Kaf_peddentistry@meduniv.lviv.ua
Number of credits ECTS	4
Number of hours (lectures/practical classes/individual work of student)	120 Practical classes – 40 Individual work– 80
Language of studying	English
Information for consultation	Consultations are held according to the schedule Place - Department of Pediatric Dentistry Time - 16 ⁰⁰
Address, telephone and schedule of clinical base	Lviv, Pekarska str 69v Tel. +38(032)276-32-41
2. Short annotation to the discipline	
<p>The elective course "Endodontic technique in Pediatric dentistry" is an educational discipline that allows students to master certain dental manipulations on phantoms, which are used in the clinic during the endodontic treatment of temporary and permanent teeth at various stages of their development.</p> <p>Students will use the special (professional) competences acquired in this way in the process of working directly with patients. On phantom models and removed temporary and permanent teeth, students get acquainted with the main periods of development, formation and resorption of the roots of milk teeth, periods of formation of permanent teeth in children, and also master the basic dental manipulations when performing endodontic interventions in temporary and permanent teeth located on different stages of development.</p>	
3. Purpose and goals of disciplines	
<p>1. The purpose and tasks of the educational discipline</p> <p>1.1. The purpose of teaching the elective course "Endodontic techniques in Pediatric Dentistry" is to master the modern methods, materials and tools used in the endodontic treatment of temporary and permanent teeth in children of various ages on phantoms.</p> <p>1.2. The main tasks of studying the discipline of the optional course " Endodontic techniques in Pediatric Dentistry" are</p>	

- preparing students to work in a clinical dental office by studying dental equipment, modern dental tools and materials, rules for working with them; disinfection and sterilization of dental instruments;
- deepening knowledge about the anatomical and physiological features of the pulp and periodontium of temporary and permanent teeth at different stages of their development;
- mastering on phantoms the technique of performing dental manipulations during endodontic treatment of temporary and permanent teeth in children of various ages;
- deepening knowledge about errors and complications in the treatment of pulpitis and periodontitis in children and improving the skills of their prevention and elimination.

1.3 Competencies and learning outcomes, the formation of which contributes to the discipline (interrelationship with the normative content of the training of higher education applicants, formulated in terms of learning outcomes in the Higher Education Standard).

According to the requirements of the Standard of Higher Education, the discipline ensures that students acquire competencies: the relationship with the normative content of the training of students of higher education, formulated in terms of learning outcomes in the Standard).

- integral:

The ability to solve tasks and problems in the field of health care in the specialty "Dentistry" in professional activity or in the learning process, which involves conducting research and/or implementing innovations and is characterized by the uncertainty of conditions and requirements.

General:

GC 1. Ability to abstract thinking, analysis and synthesis.

GC 2. Knowledge and understanding of the subject area and understanding of professional activity.

GC 3. Ability to apply knowledge in practical activities.

GC 4. Ability to communicate in the state language both orally and in writing.

GC 5. Ability to communicate in English.

GC 6. Skills in using information and communication technologies.

GC 7. Ability to search, process and analyze information from various sources.

GC 8. Ability to adapt and act in a new situation.

GC 9. Ability to identify, pose and solve problems.

GC 11. Ability to work in a team.

GC 12. Striving to preserve the environment.

GC 13. The ability to act socially responsibly and consciously.

GC The ability to preserve and multiply moral, cultural, scientific values and achievements of society based on understanding the history and patterns of development of the subject area, its place in the general system of knowledge about nature and society and in the development of society, technology and technologies, to use different types and forms motor activity for active recreation and leading a healthy lifestyle.

Special (professional, subject):

PC 1. Ability to collect medical information about the patient and analyze clinical data.

PC 2. Ability to interpret the results of laboratory and instrumental research.

PC 3. Ability to diagnose: determine preliminary, clinical, final, accompanying diagnosis, emergency conditions.

PC 4. Ability to plan and carry out measures for the prevention of diseases of organs and tissues of the oral cavity and maxillofacial region.

PC 5. Ability to design the process of providing medical care: to determine the approaches, plan, types and principles of treatment of diseases of the organs and tissues of the oral cavity and maxillo-facial area.

PC 8. Ability to perform medical and dental manipulations.

PC 9. Ability to treat the main diseases of the organs and tissues of the oral cavity and maxillofacial area.

PC 11. Ability to determine tactics, methods and provision of emergency medical aid.

PC 12. Ability to organize and conduct a screening examination in dentistry.

PC 14. Ability to maintain regulatory medical documentation.

PC 17. Ability to legally support one's own professional activity.

PC 18. Ability to provide pre-medical care according to the protocols of tactical medicine.

3. Prerequisites of the discipline

By choosing "Endodontic technique in Pediatric dentistry"

a) is based on students' previous study of human anatomy; histology, embryology and cytology; medical biology; medical chemistry; biological and bioorganic chemistry; medical physics; microbiology, virology and immunology and integrates with these disciplines;

b) is based on students' study of propaedeutic disciplines of the dental profile: children's surgical dentistry, orthodontics and integrates with these disciplines;

c) integrates with the following clinical disciplines: children's surgical stomatology, orthodontics;

d) forms an idea about the need to prevent dental diseases.

4. Program learning outcomes

List of learning outcomes

Learning outcome code	Learning outcome code	Learning outcome code
<i>The code is created when filling the syllabus (category: Kn- knowledge; Sk- skills; C- competence; AR- autonomy and responsibility)</i>	<i>Learning outcomes determine that the student must know, understand and be able to perform after graduation. Learning outcomes follow from the set learning goals. To enroll in the discipline, it is necessary to confirm the achievement of each learning outcome</i>	<i>Symbols of the Code of the Program result (PR) of learning outcome the Standard of higher education</i>
Kn-2 Sk-1 C -1, C-2	Identify and identify leading clinical symptoms and syndromes (according to list 1); according to standard methods, using the preliminary data of the anamnesis of 12 patients, the data of the patient's examination, knowledge about the person, his organs and systems, establish a probable nosological or syndromic preliminary clinical diagnosis of a dental disease (according to list 2). Know endodontic tools: types, purpose, sequence and technique of use	PR-1 PR - 2
Kn - 1 Sk - 1 AR - 1	Prescribe and analyze additional (mandatory and optional) examination methods (laboratory, X-ray, functional and/or instrumental) according to list 5, of patients with diseases of organs and tissues of the oral cavity and maxillofacial region for differential diagnosis of diseases (according to the list 2). Know the methods of instrumental processing of root canals of temporary and permanent teeth at various stages of their development, indications for their use	PR - 3,
Kn - 1 Sk - 1 AR - 1	Determine the final clinical diagnosis in compliance with the relevant ethical and legal norms, by making a reasoned decision and logical analysis of the received subjective and objective data of clinical, additional examination, carrying out differential diagnosis under the control of the head physician in the conditions of a medical institution (according to list 2.1). Establish a diagnosis of emergency conditions under any circumstances (at home, on the street, in a medical institution), in conditions of emergency, martial law, lack of information and limited time (according to list 4).	PR - 4 PR - 5

	Know the machine techniques of mechanical processing of root canals, indications for their use in children	
Kn – 1 Sk – 1 AR - 1	Know the means for drug exposure and temporary obturation of root canals: properties, indications for use in temporary and permanent teeth	PR- 8
Sk – 1 AR – 1, AR - 2	Know the materials for long-term temporary obturation of unformed root canals of permanent teeth: properties, methods of application; materials for the one-moment apexification technique, performance technique	PR - 10
Kn – 1 Sk – 1 C – 1 AR – 1, AR - 2	Know the modern methods of amputation treatment of pulpitis of temporary and permanent teeth in children: means and technique of execution	PR - 11
Kn – 1 Kn – 2 Sk – 1 AR – 1, AR - 2	Know the materials for permanent obturation of root canals in temporary and permanent teeth in children: properties, selection and methods of application	PR - 13
Kn – 2 Sk – 2	To comply with the requirements of ethics, bioethics and deontology in their professional activities. To organize the necessary level of individual safety (own and the persons he cares for) in case of typical dangerous situations in the individual field of activity.	PR -19, 20
Kn – 1 Sk – 1 AR - 1	Perform medical manipulations on the basis of a preliminary and/or final clinical diagnosis (according to lists 2, 2.1) for different segments of the population and in different conditions (according to list 6). Know the complications of endodontic treatment in children, their prevention and elimination	PR - 21
Kn – 1 Sk – 1 AR - 1	Perform medical dental manipulations on the basis of a preliminary and/or final clinical diagnosis (according to lists 2, 2.1) for different segments of the population and in different conditions (according to list 7). Know the methods of restoring the anatomical shape of temporary and permanent teeth after endodontic treatment in children	PR - 22
Kn- 2 Sk -1 C – 1 AR -1, AR - 2	Perform manipulations of providing emergency medical care, using standard schemes, under any 14 circumstances based on the diagnosis of an urgent condition (according to list 4) in conditions of limited time (according to lists 6, 7)	PR - 23
<p>Kn1 Specialized conceptual knowledge acquired in the process of study and/or professional activity at the level of the latest achievements, which is the basis for original thinking and innovative activity, in particular in the context of research work.</p> <p>Kn2 Critical understanding of problems in education and/or professional activity and on the border of subject areas.</p> <p>S1 Solving complex tasks and problems that requires updating and integrating knowledge, often in conditions of incomplete/insufficient information and conflicting requirements.</p> <p>S2 Conducting research and/or innovative activities.</p> <p>C1 Clear and unambiguous presentation of one's own conclusions, as well as the knowledge and explanations that justify them, to specialists and non-specialists, in particular to persons who are studying.</p> <p>C2 Use of foreign languages in professional activities.</p>		

AR1 Decision-making in complex and unpredictable conditions, which requires the use of new approaches and forecasting.

AR2 Responsibility for the development of professional knowledge and practices, assessment of the team's strategic development.

5. The form and scope of the discipline

Course format	Presentative	
<i>Type of classes</i>	<i>Number of hours</i>	<i>Number of groups</i>
Practical classes	48	-
Individual work	72	-

6. Topic and content of the discipline

<i>Code type classes</i>	<i>Theme</i>	<i>Content of training</i>	<i>Learning outcome code</i>	<i>Teacher</i>
Practical class (P)-1	Creation of endodontic access in temporary teeth at different stages of their development.	1. Definition elementary level knowledge of students (oral and test poll). 2. Acquaintance with of course distributed material 3. Conduct curation patient: – collect anamnesis; – conduct a clinical examination; interpret the results additional research methods. - make a diagnosis and make a scheme treatment of the patient. - issue a medical certificate Map dental the patient 3. Level control assimilation of knowledge (tests and situational tasks).	Kn-2 Sk -1 AR -1	
Individual work (Iw) -1	Application of composite materials for permanent obturation of root canals	Describe the use of composite materials for permanent obturation of root canals.	Kn -1	
Iw - 2	Peculiarities of endodontic treatment for injuries of hard dental tissues in children.	Describe the features of endodontic treatment for injuries of hard dental tissues in children.	Kn-1 Sk-1	
P-2	Creation of endodontic access to permanent teeth at different stages of their development.	1. Definition elementary level knowledge of students (oral and test poll). 2. Acquaintance with of course distributed material 3. Conduct curation patient: – collect anamnesis	Kn-2 Sk -1 AR -1	

		<p>conduct a clinical examination; interpret the results additional research methods.</p> <ul style="list-style-type: none"> - make a diagnosis and make a scheme treatment of the patient. - issue a medical certificate <p>Map dental the patient</p> <p>3. Level control assimilation of knowledge (tests and situational tasks).</p>		
Iw -3	Peculiarities of endodontic treatment for periodontal tissue injuries in children.	Describe the features of endodontic treatment for periodontal tissue injuries in children.	Kn-1	
Iw -4	Tactics of a pediatric dentist for complete dislocations of permanent teeth at different stages of root development.	Describe the tactics of a pediatric dentist in the case of complete dislocations of permanent teeth at different stages of root development.	Kn-1	
P-3	Instrumental processing of root canals of temporary and permanent teeth in children.	<ol style="list-style-type: none"> 1. Definition elementary level knowledge of students (oral and test poll). 2. Acquaintance with Educational distributed material 3. Spend on the phantom Instrumental root processing canals of temporary and permanent teeth in children 4. Level control assimilation of knowledge (tests and situational tasks). 	Kn -1 Sk - 1 C - 1, C-2 AR-1	
Iw - 5	Prevention and treatment tactics for pathological root resorption of permanent teeth in children.	Describe preventive measures and treatment tactics for pathological root resorption of permanent teeth in children.	Kn -1	
Iw - 6	Calcium hydroxide: mechanism of action, drugs, use in pediatric endodontics.	Describe the mechanism of action of calcium hydroxide in pediatric endodontics.	Kn-1	
P-4	Irrigation and temporary obturation of root canals of temporary teeth in children.	<ol style="list-style-type: none"> 1. Definition elementary level knowledge of students (oral and test poll) 2. Acquaintance with Educational distributed material 3. Spend on phantom irrigation and temporary obturation of 	Kn -1, Sk-1 C-1. C-2 AR - 1, AR -2	

		canals temporary teeth 4. Level control assimilation of knowledge (tests and situational tasks).		
Iw - 7	MTA: main properties, indications for use, technique of use, comparative characteristics of various drugs.	Describe the main properties, indications for use, technique of using MTA.	Kn -1	
Iw - 8	Revascularization of the tooth: the current state of the problem.	Make a scheme of revascularization of the tooth	Kn -1	
P-5	Simultaneous apexification permanent teeth with incomplete root formation in children.	1. Definition elementary level knowledge of students (oral and test poll). 2. Acquaintance with Educational distributed material 3. Spend on the phantom Apexification permanent teeth with incomplete root formation 4. Level control assimilation of knowledge (tests and situational tasks).	Kn -1, Sk-1 C-1. C-2 AR -1, AR -2	
Iw - 9	Microbiological aspect of modern pediatric endodontics.	Describe the microbiological aspect of modern pediatric endodontics.	Kn-1 Sk-1 AR-1	
Iw - 10	Application of physical treatment methods in pediatric endodontics.	Describe the use of physical methods of treatment in pediatric endodontics.	Kn-1 Sk-1 C -1	
P - 6	Permanent obturation of root canals of temporary teeth in children	1. Determination of the initial level knowledge of students (oral and test survey). 2. Acquaintance with Educational distributed Material 3. Spend on phantom constant root obturation canals of temporary and permanent teeth 4. Level control assimilation knowledge (tests and situational cottages)	Kn -1,S -1 C -1. C AR- 1, AR -2	
Iw-11	Modern methods of permanent obturation of root canals using heated	Describe modern methods of permanent obturation of root canals	Kn-1 Sk-1 AR-1	

	gutta-percha.	using heated gutta-percha.		
Iw -12	Modern methods of permanent obturation of root canals using the thermoplasticized gutta-percha.	To describe modern methods of permanent obturation of root canals using thermoplasticized gutta-percha.	Kn -1 Sk -1 AR -1	
P-7	Permanent obturation of root canals of permanent teeth in children.	1. Definition elementary level knowledge of students (oral test poll). 2. Level control assimilation of knowledge (tests and situational tasks).	Kn -1, Sk-1 C -1. C-2 AR - 1, AR -2	
Iw -13	Use of the operating microscope in pediatric endodontics.	Describe the use of the operating microscope in pediatric endodontics.	Kn -1 Sk - 1 AR -1	
P-8	The choice of the technique of endodontic interventions in children depending on the age and form of complicated caries	1. Definition elementary level knowledge of students (oral and test poll). 2. Level control assimilation of knowledge and situational tasks).	Kn -1 Sk -1 C-1. C-2 AR-1, AR -2	
Iw -14	The use of drugs of systemic action in children's endodontics.	Describe the use of drugs of systemic action in pediatric endodontics.	Kn -1 Sk -1 AR-1	
Iw -15	Conservative-surgical methods in pediatric endodontics.	Describe conservative-surgical methods in pediatric endodontics.	Kn -1 Sk -1 AR-1	

a. Verification of training results

Current control

Current control is carried out during training sessions and is aimed at checking students' assimilation of educational material.

Assessment of current educational activities. During the evaluation of the mastery of each topic for the current educational activity, the student is given grades on a 4-point (traditional) scale, taking into account the approved evaluation criteria for the relevant discipline. At the same time, all types of work provided by the educational program are taken into account.

The student must receive a grade in each topic. Forms of assessment of current educational activities are standardized and include control of theoretical and practical training. Exhibited for on a traditional scale, grades at the end of the semester are converted into points.

Current evaluation of the student's educational activity at each practical session is carried out in accordance with the specific goals of each topic.

The assessment of the current educational activity in the practical lesson consists of:

1. Assessments of the student's individual work (Iw) in preparation for the practical session.

It is carried out by checking the written performance of the tasks set out in the Workbook for preparation for each topic.

The specific weight of the grade for the synopsis with homework is 25% of the total grade for the class points. If the student did not complete the tasks for the SSW and did not provide the synopsis for checking to the teacher, then the traditional one the grade for the lesson will be lower by 1 point.

2. Assessments of students' level of knowledge, which is carried out by solving 10 test tasks of format A (level – 2) or evaluations of answers to control theoretical questions.

Grade "5" is given for this stage of the lesson if the student correctly answered 81-100% of the test tasks or gave correct, complete answers to the teacher's 3 control questions.

Grade "4" is assigned when the student answered correctly on 71-80% of the test tasks or gave correct,

complete answers to 2 teacher control questions and one incomplete or inaccurate answer - to the third.

Grade "3" is assigned when the student answered correctly on 61-70% of the test tasks or gave the correct answer to one control question of the teacher and two incomplete or inaccurate answers - to two questions.

Grade "2" is given when the student correctly answered less than 60% of the test tasks, gave the correct answered only one or did not answer any of the teacher's control questions.

3. Assessments of mastering practical skills according to professional algorithms during the main stage practical training

It is carried out during the student's development of a practical skill on a phantom or a written explanation of its algorithm implementation.

Grade "5" is given for this stage of the lesson in the event that the student correctly, in accordance with the professional algorithm, performed the dental manipulation provided for the purpose of the practical session on the phantom.

Grade "4" is given when the student knows the sequence of actions according to the professional algorithm, with minor mistakenly performed the dental manipulation on the phantom provided for the purpose of the practical session

Grade "3" is assigned when the student does not fully know the professional algorithm for performing one or another manipulation errors are allowed when dental manipulation is performed on the phantom, provided for the purpose of practice occupation.

Grade "2" is assigned when the student does not know the professional algorithm for performing dental manipulation, cannot to perform dental manipulation on the phantom provided for the purpose of the practical session.

Learning outcome code	Class type code	Method of verification of learning results	Enrollment criteria
Kn -1, Kn-1, -1, AR-1	P -1, Iw — 1, 2	1. Assessment of students' knowledge level 2. Assessment of mastering of practical skills 3. Evaluation of the student's individual work	Assessment of students' current performance is carried out at each practical session on a 4-point scale using the approved evaluation criteria for the relevant discipline and is entered in the journal of academic performance.
Kn-1, Sk -1 C-1, C-2, AR-1	P-2, Iw -3, 4	1. Assessment of students' knowledge level 2. Assessment of mastering of practical skills 3. Evaluation of the student's individual work	Assessment of students' current performance is carried out at each practical session on a 4-point scale using the approved evaluation criteria for the relevant discipline and is entered in the journal of academic performance.
Kn-1, Sk-1 C-1.C-2, AR -1, AR-2	P-3, Iw - 5, 6	1. Assessment of students' knowledge level 2. Assessment of mastering of practical skills 3. Evaluation of the student's individual work	Assessment of students' current performance is carried out at each practical session on a 4-point scale using the approved evaluation criteria for the relevant discipline and is entered in the journal of academic performance.
Kn-1, Sk-1, C-1, C-2, AR-1, AR-2	P-4, Iw - 7,8	1. Assessment of students' knowledge level 2. Assessment of mastering of practical skills	Assessment of students' current performance is carried out at each practical session on a 4-point scale using the approved evaluation criteria for the relevant discipline and is

			entered in the journal of academic performance.
Kn-1, Sk-1, C-1, C-2, AR-1, AR-2	P-5, Iw -9, 10	1. Assessment of students' knowledge level 2. Assessment of mastering of practical skills 3. Evaluation of the student's individual work	Assessment of students' current performance is carried out at each practical session on a 4-point scale using the approved evaluation criteria for the relevant discipline and is entered in the journal of academic performance.
Kn-1, Sk-1, C-1, C-2, AR-1, AR-2	P-6, Iw-11,12	1. Assessment of students' knowledge level 2. Assessment of mastering of practical skills	Assessment of students' current performance is carried out at each practical session on a 4-point scale using the approved evaluation criteria for the relevant discipline and is entered in the journal of academic performance.
Kn-1, Sk-1, C-1, C-2, AR -1, AR-2	P-7, Iw-13	1. Assessment of students' knowledge level 2. Assessment of mastering of practical skills 3. Evaluation of the student's individual work	Assessment of students' current performance is carried out at each practical session on a 4-point scale using the approved evaluation criteria for the relevant discipline and is entered in the journal of academic performance.
Kn-1, Sk-1,C-1, C-2, AR-1, AR-2	P-8, Iw -14, 15	1. Assessment of students' knowledge level 2. Assessment of mastering of practical skills 3. Evaluation of the student's individual work	Assessment of students' current performance is carried out at each practical session on a 4-point scale using the approved evaluation criteria for the relevant discipline and is entered in the journal of academic performance.

Final control

<i>General evaluation system</i>	Participation in work during the semester/exam – 60%/40%	
<i>Rating scales</i>	Traditional 4-point scale, multi-point (200-point) scale, ECTS rating scale	
<i>Conditions of admission to the final control</i>	The student attended all practical classes and received at least 120 points for the current academic performance	
<i>Type of final control</i>	<i>Methodology of final control</i>	<i>Enrollment criteria</i>
<i>Test</i>	All topics submitted for current control must be included. Grades from a 4-point scale are converted into points on a multi-point (200-point) scale in accordance with the Regulation "Criteria, rules and procedures for evaluating the results of students' educational activities"	The maximum number of points is 200. The minimum number of points is 120

The maximum number of points that a student can score for the current academic year

activity for admission to credit is **200 points**.

The minimum number of points that a student must score for the current academic year activity for admission to credit is **120 points**.

The number of points is calculated based on the student's scores grades on a 4-point (national) scale during the study of the discipline, by calculating the arithmetic mean (CA), rounded to two characters after the comma. The obtained value is converted into points according to the multi-point system scale as follows:

$$x = \frac{CA \times 120}{5}$$

Recalculation of the average grade for the current activity into a multi-point scale for disciplines ending with credit

4 -point scale	200 -point scale	4 -point scale	200 -point scale	4 -point scale	200 -point scale	4-point scale	200 -point scale
5	200	4.45	178	3.92	157	3.37	135
4.97	199	4.42	177	3.89	156	3.35	134
4.95	198	4.4	176	3.87	155	3.32	133
4.92	197	4.37	175	3.84	154	3.3	132
4.9	196	4.35	174	3.82	153	3.27	131
4.87	195	4.32	173	3.79	152	3.25	130
4.85	194	4.3	172	3.77	151	3.22	129
4.82	193	4.27	171	3.74	150	3.2	128
4.8	192	4.24	170	3.72	149	3.17	127
4.77	191	4.22	169	3.7	148	3.15	126
4.75	190	4.19	168	3.67	147	3.12	125
4.72	189	4.17	167	3.65	146	3.1	124
4.7	188	4.14	166	3.62	145	3.07	123
4.67	187	4.12	165	3.57	143	3.02	121
4.65	186	4.09	164	3.55	142	3	120
4.62	185	4.07	163	3.52	141	<3	Not enough
4.6	184	4.04	162	3.5	140		
4.57	183	4.02	161	3.47	139		
4.52	181	3.99	160	3.45	138		
4.5	180	3.97	159	3.42	137		
4.47	179	3.94	158	3.4	136		

Evaluation criteria of an objective structured practical (clinical) exam/a complex of practical-oriented exams

The procedure for conducting the unified state qualification exam (USQE), approved by order of the Ministry of Health of Ukraine dated February 19, 2019 No. 419, registered with the Ministry of Justice of Ukraine on March 20, 2019 under No. 279/33250.

b. Discipline policy

Points scored on current testing and independent work are taken into account. At the same time, attendance at classes and the student's activity during practical classes must be taken into account; inadmissibility of absences and lateness to classes; using a mobile phone, tablet or other mobile devices during class for non-educational purposes; plagiarism and plagiarism; untimely performance of the assigned task, etc.

The policy of the educational discipline is determined by certain requirements for the student when studying the discipline "Endodontic technique in Pediatric dentistry" and is based on the principles of academic integrity. The importance of acquiring new knowledge, academic norms to be followed, their

<p>importance, what academic integrity is, its values and functions are discussed with students. The essence, features and reasons for the inadmissibility of academic plagiarism are explained, students of higher education are encouraged to independently complete tasks, and correctly refer to sources of information in case of borrowing ideas.</p> <p>The policy of the academic discipline consists in: mandatory observance of academic integrity by students, namely: independent performance of all types of work, tasks, forms of control provided for by the work program of the academic discipline.</p> <p>Compliance with the principles and norms of ethics and deontology by students of higher education:</p> <ul style="list-style-type: none"> • actions in professional and educational situations taking into account academic integrity and professional ethics and deontology; • compliance with the internal rules of the clinical base of the department, to be tolerant, friendly and balanced in communication with students and teachers, patients, medical staff of health care institutions. <p>Attendance of classes by students of higher education: attendance at all classes is mandatory for the purpose of current and final assessment of knowledge (unless there is a valid reason).</p> <p>Completion of missed classes by students of higher education: Completion of missed classes takes place according to the schedule of practice - rewriting the topic of the class for which the student received a negative grade is held at a time convenient for the teacher and the student outside of classes.</p>		
8. Literature		
<p>1. Paediatric dentistry/ Richard Welbury, Monty Duggal – 3rd ed., 2005 Copyright.</p> <p>2. L.A. Khomenko. Pediatric Therapeutic Dentistry.- K.:Book-plus, 2012</p> <p>3. M.Yu. Antonenko, L.F. Sidelnikova, O.F. Nesyn, Zh.I. Rakhniy, I.H. Dikova, Yu.H. Kolenko, O.V. Lynovytska, O.V. Kononova, A.G. Dimitrova Operative Dentistry. Endodontics: in 2 volumes., 2020, 384 p.</p>		
9. Equipment, logistical and software support of the discipline		
<p>Pediatric dentist's workplace, dental equipment and instruments;</p> <p>Phantoms of teeth and jaws;</p> <p>Tables;</p> <p>Multimedia presentations;</p> <p>Computer support.</p> <p>Official website of Danylo Halytsky Lviv National Medical University: http://www.meduniv.lviv.ua/</p> <p>Electronic information resources of the university library:</p> <p>Electronic catalog of the library.</p> <p>Information and reference sources: encyclopedias, directories, dictionaries.</p> <p>Educational electronic publications and resources: manuals containing systematized material within the framework of the academic discipline program.</p>		
10. Additional information		
<p>Practical classes are held in the clinical offices of the Department of Pediatric Dentistry and in the phantom classroom.</p>		

Compiler of the syllabus:
Mykola B. Fur, PhD, Assoc. Prof.:
Oksana V. Skybchyk, PhD

Head of Department
Oleksandr V. Kolesnichenko, PhD, Assoc. Prof