

MINISTRY OF HEALTH OF UKRAINE

DANYLO HALYTSKY LVIV NATIONAL MEDICAL UNIVERSITY

Department of Pediatric Dentistry

"APPROVED"

The first vice-rector
on Scientific and Pedagogical work
Professor M.R. Gzhegotsky

" ____ " _____ 2022



SYLLABUS

PRODUCTION PRACTICE

Nursing practice in the department of pediatric dentistry of the dental center

(discipline of choice)

training of specialists of the second (master's) level of higher education

field of knowledge 22 "Health"

specialty 221 "Dentistry"

for second-year students

"Approved"

on meeting of Department
of Pediatric Dentistry

Protocol № ____

from " ____ " _____ 2022

Head of Department

Assoc.prof. Kolesnichenko O.V.

"Approved"

of profiled methodical commission
of dental disciplines

Protocol № ____

from " ____ " _____ 2022

Head of methodical commission

Professor Vares Y.E.

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I. General information	
Department	Dentistry
Educational program (branch, specialty, level of higher education, form of education)	22 Healthcare, 221 Dentistry, second (master's) level of higher education, full-time
Academic year	2021/2022
Name of discipline, code (e-mail address on the website of LNMU named after Danylo Halytsky)	Production practices Nursing practice in the department of pediatric dentistry of the dental center
Department (name, address, phone, e-mail)	Pediatric dentistry
Head of the department (contact e-mail)	Kolesnichenko Oleksandr V. PhD, Associate Professor
Year of study (year for which the study of the discipline is realized)	second
Semester (semester in which the study of the discipline is implemented)	IV
Type of discipline / module (compulsory / optional)	selective
Teachers (names, surnames, scientific degrees and titles of teachers who teach the discipline, contact e-mail)	Іванчишин Вікторія Вікторівна к.мед.н, доцент vicvic04@gmail.com
Erasmus Yes / No (availability of the discipline for students within the Erasmus program)	No
Person responsible for syllabus (person to be commented on syllabus, contact e-mail)	Іванчишин Вікторія Вікторівна к.мед.н, доцент
Number of ECTS credits	4
Number of hours (lectures / practical classes / independent work of students)	
Language of instruction	English
Information about consultations	According to the schedule
Address, telephone and regulations of the clinical base	Pediatric dentistry department, 79010, Lviv, street Pekarska 69 c tel. +38 (032) 276-32-41

2. Short annotation to the discipline

The main purpose of industrial practice is to have the moral and deontological principles of a medical specialist and the principles of professional subordination in dentistry, the application of the basic principles of asepsis, antisepsis, analgesia, acquisition and improvement of professional skills of a nurse in a dental clinic.

3. The purpose and objectives of the discipline

The purpose of the internship "Nursing practice in the department of pediatric dentistry of the dental center" is: mastering the moral and deontological principles of a medical specialist and the principles of professional subordination in dentistry; mastering the basic principles of asepsis, antisepsis, analgesia; distinguishing the features of the application of the principle of asepsis and antisepsis in pediatric dentistry; acquisition and improvement of professional skills of a nurse of a dental clinic.

1. The main tasks of studying the discipline "Nursing practice in the department of pediatric dentistry of the dental center" are :

- preparing students to work in a clinical dental office by studying dental equipment, modern dental instruments and materials, the rules of working with them; disinfection and sterilization of dental instruments;
- demonstrate mastery of the basic principles of medical ethics and deontology in dentistry;
- to determine the tasks and responsibilities of the nurse of the dental department of therapeutic profile;
- demonstrate knowledge of the organization of the dental department of therapeutic profile;
- demonstrate mastery of first aid skills in emergencies that occur in the clinic of therapeutic dentistry;
- demonstrate knowledge of compliance with safety rules in the workplace; demonstrate the ability to draw up medical records, record dental formula;
- demonstrate knowledge of tools for examination and treatment of dental patients;

- - demonstrate mastery of the rules of equipment processing and sterilization of dental instruments;
- - demonstrate knowledge of filling materials and methods of their preparation for work;
- - demonstrate knowledge of the rules of oral hygiene.

2. **Competences** and learning outcomes, the formation of which is facilitated by the discipline (relationship with the normative content of training of higher education seekers, formulated in terms of learning outcomes in the Standard of Higher Education).

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

integral:

Ability to solve problems and problems in the field of health care in the specialty "Dentistry" in a professional activity or in the learning process, which involves research and / or innovation and is characterized by uncertainty of conditions and requirements.

General:

1. Ability to abstract thinking, analysis and synthesis; ability to learn and be modernly trained.
2. Knowledge and understanding of the subject area and understanding of the profession.
3. Ability to apply knowledge in practical situations.
4. Ability to communicate in the state language both orally and in writing. Ability to communicate in a second language.
5. Skills in the use of information and communication technologies.
6. Ability to search, process and analyze information from various sources.
7. Ability to adapt and act in a new situation; ability to work autonomously.
8. Ability to identify, pose and solve problems.
9. Ability to choose a communication strategy.
10. Ability to work in a team.
11. Interpersonal skills.
12. Ability to act on the basis of ethical considerations (motives).
13. Skills for safe activities.
14. Ability to evaluate and ensure the quality of work performed.
15. The desire to preserve the environment.
16. Ability to act socially responsible and civic conscious.

special (professional, subject):

1. Recognize the moral, ethical and professional rules of the pediatric dentist.
2. Understand the moral and deontological principles of a medical specialist and the rules of professional subordination in the pediatric dentistry clinic.
3. Learn to promote a healthy psychological microclimate in the team; learn the basics of the legal norms of the relationship pediatric dentist → patient (child).
4. Demonstrate on phantoms the ability to use basic dental tools, materials and use dental equipment in pediatric dentistry
 - to get acquainted with the structure of the children's dental office, department, clinic;
 - to master the dental equipment of the children's dental clinic;
 - to study the basic dental tools used during the dental reception of children;
 - to study the classification of dental filling materials, materials for root fillings used in children;
 - to study the basic requirements for dental materials, their properties and indications for use in children.
 - filling (temporary or permanent) of the root canals of temporary and permanent teeth with different materials, taking into account the stage of tooth development.
5. Distinguish the features of the principles in asepsis and antiseptics in the clinic of pediatric therapeutic dentistry:
 - to study modern requirements for sterilization of instruments in the pediatric dentistry clinic;
 - realize the importance of following the rules of asepsis and antiseptics at the children's dental office;
 - master the rules of control over the effectiveness of sterilization;
 - - to determine methods of preventing conditions for the spread of infection in children's institutions .

3. Prerequisites of the discipline

"Nursing practice in the department of pediatric dentistry of the dental center" as a discipline is based on the previous study of human anatomy by students; histology, embryology and cytology, medical biology, medical chemistry, biological and bioorganic chemistry, medical physics, microbiology, virology and immunology and integrates with these disciplines. Lays the foundations for students to study such clinical disciplines as prevention of dental diseases, pediatric therapeutic dentistry, therapeutic dentistry, orthodontics. It is based on the study by students of propaedeutic disciplines of dental profile: propaedeutics of therapeutic dentistry and propaedeutics of orthopedic dentistry and integrates with these disciplines. Integrates with the following clinical disciplines: prevention of dental diseases, pediatric therapeutic dentistry and therapeutic dentistry. Forms an idea of the need for prevention of dental diseases.

5. Program learning outcomes

List of learning outcomes

Learning outcome code	Content of learning outcomes	Link to competency matrix code
<i>The code is created when filling the syllabus (category: 3H- knowledge; YM- skills ; K- competence ; AB- 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 learning outcome in the Standard of higher education</i>
3H-1	Know the organization of children's dental departments of different profiles.	PIP-9 PIP - 14
3H – 1 YM-1	Demonstrate the rules of disinfection and sterilization of dental instruments and equipment.	PIP-6
3H – 1 YM-1	Be able to draw up medical documentation of the nurse's work.	PIP-9
3H – 1 YM-1	Know the safety of dental equipment.	PIP-9 PIP - 20
3H – 1 YM-1	Know the rules of working with filling materials and be able to mix them.	PIP - 21
3H – 1,2 YM-1	Have a method of radiography of teeth and jaws.	PIP - 22
3H – 1,2 YM-1	Master the skills of physiotherapy procedures.	PIP – 21
3H – 1,2 YM-1	Be able to prepare dental materials for sterilization.	PIP - 22
3H – 1,2 YM-1	Be able to prepare dental equipment for sanitation and carry it out.	PIP - 21
3H – 1,2 YM-1	Be able to prepare dental instruments for sterilization.	PIP – 21 PIP - 22
3H – 1,2 YM-1	Master the skills of sterilization of dental materials and instruments.	PIP –21
3H – 1,2 YM-1	Be able to prepare the workplace of a dentist.	PIP – 22

3H1 Specialized conceptual knowledge acquired in the process of learning and / or professional activity at the level of the latest achievements, which are the basis for original thinking and innovation, in particular in the context of research work
3H2 Critical understanding of problems in teaching and / or professional activities and at the boundaries of subject areas
YM1 Solving complex problems and issues that require updating and integrating knowledge, often in conditions of incomplete / insufficient information and conflicting requirements
YM2 Conducting research and / or innovation activities
K1 Clear and unambiguous communication of one's own conclusions, as well as the knowledge and explanations that substantiate them, to specialists and non-specialists, in particular to students
K2 Use of foreign languages in professional activities
AB1 Decision-making in complex and unpredictable conditions, which requires the application of new approaches and forecasting

AB2 Responsibility for the development of professional knowledge and practices, assessment of strategic development of the team				
6. Form and scope of discipline				
Course format		mural		
<i>Kind of occupations</i>		<i>Number of hours</i>	<i>Number of groups</i>	
Working days				
7. Topics and content of the discipline				
<i>Code type to borrow</i>	<i>Topic</i>	<i>Learning content</i>	<i>Learning outcome code</i>	<i>Teacher</i>
II-1	Sanitary and anti-epidemic regime in dentistry. The concept of asepsis and antiseptics. Disinfection Sanitary and anti-epidemic regime in dentistry. The concept of asepsis and antiseptics. Disinfection	1. Be able to provide sanitary and anti-epidemic regime in the premises of the dental clinic - to clean the premises (current, general) 2. To be able to carry out processing of a working surface of a stomatologic table of the doctor, a surface of stomatologic armchairs, installations, the equipment 3. Assimilate and adhere to labor protection when working with biological material and observe safety precautions when working with biological material.	ЗН-1 УМ -1	Svitlana Leshchuk, Ph.D Ye.
II-2	Pre-sterilization cleaning and sterilization. Processing of dental instruments and equipment in the dental office. Cleaning of premises in the dental department.	1. Be able to disinfect medical devices (physical method) 2. Be able to disinfect medical devices (chemical method) 3. Be able to perform pre-sterilization cleaning. 4. Be able to disinfect dental tips	ЗН – 1,2 УМ-1	Svitlana Leshchuk, Ph.D Ye.
II-3	Processing of dental instruments and equipment in the dental office. Cleaning the premises in the dental department .	1. To be able to carry out sterilization (steam, air method, chemical method). 2. To be able to carry out azopyram, phenolphthalein tests 3. Be able to process individual dental kits 4. Be able to knead the filling material. 5. Be able to prepare the patient in the chair for a	ЗН -1 УМ – 1	Svitlana Leshchuk, Ph.D Ye.

		doctor's appointment and fill out an outpatient card		
II-4	Organization of physiotherapy Organization of the X-ray room.	1. To be able to carry out physiotherapeutic procedures (UHF-therapy, UFO-therapy, darsonvalization, electrophoresis of medicines, hydrotherapy). 2. Be able to perform radiography of the tooth and jaws.	ЗН -1 УМ-1	Svitlana Ye. Leshchuk, Ph.D
II-5	Requirements for personal hygiene of medical staff of the dental department.	1. To be able to carry out hygienic disinfection of hands. 2. To be able to carry out surgical treatment of hands. 3. know and take measures in case of injuries and contact with blood. 4. know and conduct specific prevention of parenteral injections.	ЗН -1 УМ-1	Svitlana Ye. Leshchuk, Ph.D

8. Verification of learning outcomes

Current control

Forms of control and assessment system are carried out in accordance with the requirements of the internship program for 2nd year students of the Faculty of Dentistry and instructions on the system of assessment of students' learning activities in the credit transfer system of the educational process approved by the Ministry of Health of Ukraine.

Evaluation of current educational activities.

Current control is carried out in accordance with specific objectives. One of the activities of students and its control by the head of practice is to keep a diary of industrial practice. The diary is the main document for the period of production practice, including its protection. Students are required to keep a diary of everything they do during the internship each day during the internship. In it, in the general sequence the socially useful work (issues of sanitary bulletins, writing of abstracts, carrying out of conversations in the organized children's collectives, etc.) is reflected. At least twice a week, the student must submit a diary for inspection to the assistant (associate professor) - the head of industrial practice from the department and daily - for signature to the immediate supervisor (dentist from the medical institution).

At the end of the internship, digital and text reports, the student is issued a description and review of the diary, signed by the immediate supervisor of the internship and the chief physician. The description must be certified by the seal of the medical institution where the internship was conducted. The presence of a duly completed form and certified by the signature of the head of the practice diary and the final report is mandatory for admission of the student to the final control.

Current evaluation

Heads of industrial practice analyze the work of students in departments, taking into account their profile (student should not have absences of practice days), the quality of diary, the quality of mastering practical skills listed in each section, the application of ethics and deontology in practice.

Criteria for assessing self-mastery of practical skills during the internship in points according to the list defined in the final report in points: "5" points - receives a student who has written the proposed number of manipulations and thoroughly described them at a sufficiently high theoretical level.

"4" points - receives a student who has written the proposed number of manipulations and provided them with a theoretical description, but made minor mistakes.

"3" points - receives a student who has written the proposed number of manipulations and provided them with a theoretical description, but made significant mistakes.

"2" points - receives a student who has written the proposed number of manipulations and provided them with a theoretical description, but made gross significant errors.

A student who has 100% completed the proposed number of practical skills, presented them in writing, provided reasonable answers to questions about the content of the diary, and received a minimum of 72 points out of a maximum of 120 is admitted to the differential test.

Differential credit for industrial medical practice of 3rd year students provides the sum of points on practical skills from the list and the number of points during the final control. The maximum number of points that a student can receive during the final control is 80, and the final control is considered credited if the student scored at least 50 points.

<i>Learning outcome code</i>	<i>Code type to borrow</i>	<i>Method of verifying learning outcomes</i>	<i>Enrollment criteria</i>
ЗН -1, УМ- 1	П -1	1. Assessment of the level of students' knowledge 2. Assessment of mastering practical skills	Assessment of students' current performance is carried out every day on a 4-point scale using approved assessment criteria for the relevant discipline and is recorded in the diary of industrial practice.
ЗН-1,2 УМ -1	П -2	1. Assessment of the level of students' knowledge 2. Assessment of mastering practical skills	Assessment of students' current performance is carried out every day on a 4-point scale using approved assessment criteria for the relevant discipline and is recorded in the diary of industrial practice.
ЗН-1, УМ-1	П -3	1. Assessment of the level of students' knowledge 2. Assessment of mastering practical skills	Assessment of students' current performance is carried out every day on a 4-point scale using approved assessment criteria for the relevant discipline and is recorded in the diary of industrial practice.
ЗН-1, УМ-1	П -4	1. Assessment of the level of students' knowledge 2. Assessment of mastering practical skills	Assessment of students' current performance is carried out every day on a 4-point scale using approved assessment criteria for the relevant discipline and is recorded in the diary of industrial practice.
ЗН-1, УМ-1	П -5	1. Assessment of the level of students' knowledge 2. Assessment of mastering practical skills	Assessment of students' current performance is carried out every day on a 4-point scale using approved assessment criteria for the relevant discipline and is recorded in the diary of industrial practice.
Final control			
<i>General evaluation system</i>	Участь у роботі впродовж виробничої практики/диференційований залік – 60%/40%		
<i>Rating scales</i>	Традиційна 4-бальна шкала, багатобальна (200-бальна) шкала, рейтингова шкала ECTS		
<i>Conditions of admission to the final control</i>	Студент відвідав всі робочі дні і отримав не менше 72 балів за поточну успішність		
<i>Type of final control</i>	<i>Methods of final control</i>	<i>Enrollment criteria</i>	

Credit	All practical skills put under current control should be credited. Grades from the 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 student learning activities"	The maximum number of points is 200. The minimum number of points is 120
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The maximum number of points that a student can score for the current academic activity for admission to the differentiated test is 200 points.

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

The calculation of the number of points $x = \frac{CA \times 120}{5}$

Recalculation of the average grade for current activity in a multi-point scale for disciplines ending with a differentiated test

4- бальна шкала	200- бальна шкала	4- бальна шкала	200- бальна шкала	4- бальна шкала	200- бальна шкала	4- бальна шкала	200- бальна шкала
5	120	4.45	107	3.91	94	3.37	81
4.95	119	4.41	106	3.87	93	3.33	80
4.91	118	4.37	105	3.83	92	3.29	79
4.87	117	4.33	104	3.79	91	3.25	78
4.83	116	4.29	103	3.74	90	3.2	77
4.79	115	4.25	102	3.7	89	3.16	76
4.75	114	4.2	101	3.66	88	3.12	75
4.7	113	4.16	100	3.62	87	3.08	74
4.66	112	4.12	99	3.58	86	3.04	73
4.62	111	4.08	98	3.54	85	3	72
4.58	110	4.04	97	3.49	84	Менше 3	Недос- татньо
4.54	109	3.99	96	3.45	83		
4.5	108	3.95	95	3.41	82		

The maximum number of points that a student can score for the current academic year activity for admission to the differentiated test is 200 points.

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

The calculation of the number of points is based on the grades received by the student on a 4-point (national) scale during the study of the discipline, by calculation arithmetic mean (CA), rounded to two decimal places. The resulting value is converted into points on a multi-point scale as follows:

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

Recalculation of the average grade for current activity in a multi-point scale for disciplines ending with a differentiated test

4- бальна шкала	200- бальна шкала	4- бальна шкала	200- бальна шкала	4- бальна шкала	200- бальна шкала	4- бальна шкала	200- бальна шкала
5	120	4.45	107	3.91	94	3.37	81
4.95	119	4.41	106	3.87	93	3.33	80
4.91	118	4.37	105	3.83	92	3.29	79
4.87	117	4.33	104	3.79	91	3.25	78
4.83	116	4.29	103	3.74	90	3.2	77
4.79	115	4.25	102	3.7	89	3.16	76
4.75	114	4.2	101	3.66	88	3.12	75
4.7	113	4.16	100	3.62	87	3.08	74
4.66	112	4.12	99	3.58	86	3.04	73
4.62	111	4.08	98	3.54	85	3	72
4.58	110	4.04	97	3.49	84	Менше 3	Недос- татньо
4.54	109	3.99	96	3.45	83		
4.5	108	3.95	95	3.41	82		

Criteria for assessing an objective structured practical (clinical) exam / set of practice-oriented exam

Conversion of the number of points from the discipline into grades on ECTS scales and 4-point (traditional) scales.

The number of points in the discipline, which is accrued to students, is converted into the ECTS scale as follows:

The mark ECTS	Statistical indicator
A	The best 10% of students
B	The next 25% of students
C	The next 30% of students
D	The next 25% of students
E	The last 10% of students

The number of points from the practice, which is accrued to students, is converted into a 4-point scale as follows:

Points in the discipline	Score on a 4-point scale
From 170 to 200 points	«5»
From 140 to 169 points	«4»
From 139 points to the minimum number of points that a student must score	«3»
Below the minimum number of points that a student must score	«2»

The ECTS score is not converted to the traditional scale, as the ECTS scale and the four-point scale are independent. The objectivity of the assessment of students' learning activities is checked by statistical methods (correlation coefficient between ECTS assessment and assessment on a national scale). ECTS assessment is not converted into a traditional scale as the ECTS scale and the four-point scale are independent. The objectivity of the assessment of students' learning activities is checked by statistical methods (correlation coefficient between ECTS assessment and assessment on a national scale).

9. Discipline policy

Incentive points by the decision of the Academic Council may be added to the number of points in the discipline for students who have scientific publications or won prizes for participation in the Olympiad in the discipline among Ukrainian universities and more.

10. literature

Basic literature :

1. Пропедевтика дитячої терапевтичної стоматології / Хоменко Л.О. та спів. – К.: Книга-плюс, 2011. - 320с.
2. Пропедевтика детской терапевтической стоматологии / Хоменко Л.А. и соавт. – К.: Книга-плюс, 2014. - 320с.
3. Хоменко Л.О., Чайковский Ю.Б., Смоляр Н.И., Савичук О.В., Остапко О.І., Біденко Н.В. та ін. Терапевтична стоматологія дитячого віку Том 1. – Київ: Книга плюс, 2014. – 432.
4. Хоменко Л.А., Кисельникова Л.П., Смоляр Н.И., Чайковский Ю.Б., Савичук А.В., Остапко Е.И., Біденко Н.В., Шматко В.И., Голубева И.Н., Кононович Е.Ф., Солонько Г.М. и др.. Терапевтическая стоматология детского возраста.— Київ: Книга плюс, 2013. — 864с.
5. Терапевтическая стоматология. Фантомный курс /Под редакцией проф. А.В.Борисенко, Киев, “Медицина”, 2009.- 400с.
6. Борисенко А.В., Сідельнікова Л.Ф., Антоненко М.Ю., Коленко Ю.Г., Шекера О.О. Практикум з терапевтичної стоматології (фантомний курс). Посібник. — Київ: Книга-плюс. — 2011. — 512 с.
7. Николаев А.И., Цепов Л.М. Фантомный курс терапевтической стоматологии, М.:Мед-пресс, 2015. – 432с.

Supporting literature :

1. Біденко Н.В. Стеклоиономерные материалы и их применение в стоматологии. - Киев, Книга плюс, 2003.- 144с.
2. Борисенко А.В., Неспрядько В.П. Композиционные материалы в терапевтической и ортопедической стоматологии. Киев: Книга плюс, 2001.- 195с
3. Леманн К.М., Хэльвиг Э. Основы терапевтической и ортопедической стоматологии: (под ред Абакарова С.И., Макеева В.Ф., пер. с нем.), 1999.- 262с.
4. Макеева И.М. Восстановление зубов светоотверждаемыми композитными материалами: практич. рук-во для врачей стоматологов-терапевтов /И.М.Макеева, А.И.Николаев. – 2-е изд., испр. и доп. – М. : МЕДпресс-информ, 2013. – 416 с. : ил.
5. Магид Е.А, Мухин Н.А. Фантомный курс в терапевтической стоматологии М., 1987.- 304с.
6. Николаев АМ. Препарирование кариозных полостей: современные инструменты, методики, критерий качества. - М.: МЕДпресс-информ, 2010. -224 с.
7. Самусев Р.П., Дмитренко С.В., Краюшкин А.И. Основы клинической морфологии зубов М. Издательский дом «ОНИКС 21 век», 2002.- 368с.
8. Салова А.В. Восстановление контактных областей зубов с помощью матричных систем.- М.: МЕДпресс-информ, 2008.- 160с.
9. Хоменко Л.А., Біденко Н.В. Практическая эндодонтия инструменты, материалы и методы.- Киев, Книга плюс, 2002.- 216с.
10. Даггал М.С. Лечение и реставрация молочных зубов (Иллюстр. рук-во) / М.С.Даггал, М.Е.Дж. Керзон, С.А.Фэйл, К.Дж.Тоумба, А.Дж.Робертсон; пер. с англ. под ред. проф. Т.Ф.Виноградовой. – 2-е изд. – М. : МЕД Пресс информ, 2009. – 160 с.
11. Детская стоматология. Руководство Р. Р. Велбери, М.С. Даггал, М.Т. Хози М.: ГЭОТАР-Медиа, 2014. – 456 с.
12. Эндодонтия подросткового и взрослого возраста / Бараньская-Гаховская М. Львів: ГалДент, 2011. – 496 с.
13. Ломиашвили Л. Искусство моделирования и реставрации зубов. 2-е издание / Ломиашвили Л., Аюпова Л. / Омск, 2014. - 436 с.
13. Andlaw R.J., Rock W.P. A manual of pediatric dentistry. – Churchill Livingstone, 1996. – 250 p.
14. Curzon M.E.J., Roberts J.F., Kennedy D.B. Kennedy’s pediatric operative dentistry. – Wright, 1996. – 198 p.
15. Ingle J.I., Bakland L.K. Endodontics. William&Wilkins, 2002. – 1004 p.
16. Studervant’s art and science of operative dentistry / Ed. T.M.Roberson, H.O.Heymann, E.J.SWift. – Mosby, 2002.-

947 p.

17. Stanley J.N. Wheeler's dental anatomy, physiology, and occlusion / J.N. Stanley, M.M. Ash. – Saunder Elsevier. – 2010. – 401 p.

11. Equipment, logistics and software discipline

INFORMATION RESOURCES

Official site of Lviv National Medical University

Danylo Halytsky: <http://www.meduniv.lviv.ua/>

- Electronic information resources of the university library:

- Electronic catalog of the library.

- Information and reference sources: encyclopedias, reference books, dictionaries.

- Educational electronic publications and resources: manuals that contain systematic material within the curriculum.

- Information resources:

1. <http://bookmed.by/stomatologiya/propedevtika-stomatologicheskikh-zabolevanij-skorikova-l-a.html>

2. http://dentalss.org.ua/load/kniga_stomatologia/obshhaja_stomatologija/propedevtika_stomatologicheskikh_zabolevanij/6-1-0-422

3. <http://www.library.gov.ua/novi-nadkhodzhennia/stomatolohiia-eds-m-m-rozhok-liber-2/802-stomatolohiia-eds-m-m-rozhok-liber-2>

4. http://stom.at.ua/load/ehlektronnye_knigi/terapevticheskaja_stomatologija/5 5. <http://www.stomatkniga.ru/http://fb2.booksgid.com/medicina/76513-k-kapustin-stomatologiya.html>

6. <http://www.mosdental.ru/Pages/Page28.1.html>

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