Syllabus for the discipline "Pediatric surgical dentistry"
(5 COURSES)
Individual profile course of practical training (IPCPT)
"Therapeutic dentistry"
VB 3.2.4.2

I. General information	
Name of the department	Dental
Educational program (direction, specialty, level of higher education, form of education)	22 "Health care", 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)	Pediatric surgical dentistry (Kaf_peddentistry@meduniv.lviv.ua)
Department (name, address, telephone, e - mail)	Pediatric dentistry department Lviv, st. Pekarska 69 phone: +38(032)276-32-41 Kaf_peddentistry@meduniv.lviv.ua
Head of the department (contact e - mail)	Oleksandr Volodymyrovych Kolesnichenko, PhD , Associate Professor
Year of study (the year in which the study of the discipline is implemented)	Fifth
Semester (the semester in which the discipline is studied)	IX-X
Type of discipline/module (compulsory/optional)	Selective
Teachers (names, surnames, scientific degrees and titles of teachers who teach the discipline, contact e - mail)	Fur Mykola Borysovych, PhD, Associate Professor Hrynyshyn Olha Bohdanivna, PhD, Associate Professor
Erasmus Yes/no (discipline availability for students within the Erasmus program)	Yes
The person responsible for the syllabus (the person to whom comments regarding the syllabus should be provided, contact e - mail)	Fur M.B. Kaf_peddentistry@meduniv.lviv.ua
ECTS credits	1.5
Number of hours (lectures/practical classes/ self work)	45 practical classes - 24 self work - 21
Language of education	English
Information about consultations	Consultations are held according to the schedule Place - Department of pediatric dentistry The time is 16:00
Address, phone number, and hours of operation of the clinical base	Lviv, 69 Pekarska st phone: +38(032)276-32-41
2. A brief abstract of the discipline	
Pediatric surgical dentistry is an educational discipline that enables students to master certain dental manipulations used in the clinic in treatment of benign and malignant tumors, tumor-like disorders of the soft tissues and bones, congenital malformations of MFA development, principles of medical tactics and rehabilitation at the different stages of the treatment. Students will use the special (professional) competences acquired in this way in the process of clinical practice.	
3. Purpose and goals of disciplines	
1. The purpose of studying the educational discipline "Pediatric surgical dentistry " is mastering on phantoms the technique of performing dental manipulations used in the clinic in the treatment of congenital and acquired diseases of the maxillofacial area in children (traumatic injuries, tumors, congenital anomalies of development). **2. The main tasks** of studying the discipline "Pediatric surgical dentistry " are:	

teaching students the peculiarities of diagnosis, clinical manifestations, treatment and prevention of tumors and tumor-like diseases of the maxillofacial area, traumatic injuries of soft tissues, teeth and jaws, congenital cleft of the lip and palate in children, abnormalities of the frenulum of the lips and tongue. To prepare a doctor capable to work in medical and preventive dental institutions of various levels after graduating.

3. Competences and studying outcomes, the formation of which contributes to the discipline

Competences and the results of teaching:

General:

ZK1. Ability to abstract thinking, analysis and synthesis.
ZK2. Knowledge and understanding an objective of discipline principles of professional activity
ZK3. Ability to apply theoretical knowledge in practice.
ZK4. Ability to communicate with using of state language as orally and in writing
ZK5. Ability to communicate in English.
ZK6. Skills with using informative and communication technologies.
ZK7. Ability to search, to process and to analyze the information from different sources
ZK8. Ability to adaptation and professional acting in a new clinical situation.
ZK9. Skills to detect, put and solve problems
ZK10. The ability to be critical and self-critical.
ZK11. Ability to work in team
ZK12. The will to preserve the surrounding environment
ZK13. The ability to act socially responsibly and consciously.
ZK14. 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 regarding nature and society and in the development of society, technology and technologies, to use different types and forms of motor activities for active recreation and leading a healthy lifestyle.

Special (professional, subject):

PC1. The ability to collect medical information regarding the patient's complains and analyze clinical data.
PC2. The ability to interpret the results of laboratory and clinical observations of the patient.
PC3. Ability to diagnose: establish preliminary, clinical, final, accompanying diagnosis, emergency conditions.
PC4. The ability to plan and provide measures for the prevention of diseases of the organs and tissues of the oral cavity and maxillofacial area.
PC5. 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 maxillofacial area.
PC6. Ability to determine rational regime of work, rest, diets in patients during the treatment of diseases of the organs and tissues of the oral cavity and maxillofacial area.
PC7. The ability to determine the management tactics of patients with diseases of the organs and tissues of the oral cavity and maxillofacial area with accompanying somatic diseases.
PC8. Ability to perform medical and dental manipulation
PC9. The ability to treat the main diseases of the organs and tissues of the oral cavity and maxillofacial area.
PC10. Ability to organize and carry out medical evacuation measures.
PC11. Ability to define tactics, methods and providing of emergency medical help.
PC12. Ability to organize and provide a screening examination in dentistry.
PC13. Ability to evaluate the influence of environment on condition of population's health (individual, family, population)
PC14. Ability to fulfil medical documentation.
PC15. Processing of state, social and medical information
FC16. Ability to organize and provide rehabilitation and care measures in patients with diseases of

the oral cavity and oral-facial area.
FC17. Ability to law securement of personal professional practice
FC18. Ability to provide paramedical help according to guidelines of tactical medicine.

4. Prerequisites of the discipline

" Pediatric surgical dentistry" as a discipline:
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: pediatric therapeutic dentistry, orthodontics and integrates with these disciplines;
c) integrates with the following clinical disciplines: pediatric therapeutic dentistry, orthodontics;
d) forms an idea regarding the need to prevent dental diseases.

5. Program studying outcomes

List of studying outcomes

Studying outcome code	**Content of studying outcomes**	**Link to competency matrix code**
The code is created when filling out the syllabus (category: Zn-Knowledge; UM- Mind-skills; K- competence; AV-autonomy and responsibility)	*Studying outcomes define what a student should know, understand and be able to do after completing a discipline. The studying outcomes follow from the set learning goals. To enroll in a discipline, it is necessary to confirm the achievement of each studying outcome*	*Program studying outcome code symbols in the Higher Education Standard*
Zn-2 UM-1 K-1, K-2	Identify clinical symptoms and syndromes (changes in facial configuration; tumors and tumor-like neoplasms in MFA; mobility of bone fragments of the facial skeleton) according to standard methods, using previous patient anamnesisdata, knowledge about a patient, his organs and systems, establish a probable nosological or syndromic preliminary clinical diagnosis of MFA injuries, tumors and tumor-like formations and congenital malformations of the face in children.	PR-1 PR - 2
Zn - 1 UM - 1 AV - 1	The ability to interpret the results of laboratory and instrumental analyses	PR – 3,
Zn - 1 UM - 1 AB - 1	Ability to diagnose: determine preliminary, clinical, final, accompanying diagnosis; emergency situations	PR - 4 PR - 5
Zn - 2 Um - 1 K - 1 AB - 1	The ability to plan and carry out measures for the prevention of diseases of the organs and tissues of the oral cavity and MFA in children	PR - 6
Zn - 1 Um - 1 AB - 1	Determine the approach, plan, type and principle of treatment of: injuries of MFA (damage to soft tissues (wounds, burns), teeth, jaws, facial bones, TMJ; tumors and tumor-like formations of the maxillofacial area; malignant tumors of soft tissues and bones of theface; congenital malformations of the face: cleft of the upper lip, alveolar process, hard and soft palate (complete and incomplete); abnormalites of attachment of soft tissues of the oral cavity (short frenulum of the lips and tongue, shallow vestibulum oris)	PR-8
Zn - 1 Zn - 2	Determine the approach, plan, type and principle of treatment of: injuries of MFA (damage to soft tissues	PR - 9

UM - 1 K - 1	(wounds, burns), teeth, jaws, facial bones, TMJ; tumors and tumor-like formations of the maxillofacial area; malignant tumors of soft tissues and bones of theface; congenital malformations of the face: cleft of the upper lip, alveolar process, hard and soft palate (complete and incomplete); abnormalites of attachment of soft tissues of the oral cavity (short frenulum of the lips and tongue, shallow vestibulum oris)	
Um- 1 AB - 1, AB - 2	The ability to determine the management tactics of dental patients with an accompanying somatic diseases	PR - 10
Zn - 1 Um - 1 K - 1 AB - 1, AB - 2	The ability to treat traumatic injuries of the soft tissues of the face in children according to existing algorithms and standard schemes under the supervision of the head physician in a medical institution	PR - 11
Zn - 1 Zn - 2 Um - 1 AB - 1, AB - 2	The ability to determine the tactics, methods and provision of emergency medical help to children	PR - 13
Zn - 2 Um - 2	The ability to assess the impact of the environment on the health of the population (individual, family, population)	PR - 15
Zn - 1 Um - 1 AB-1	The ability to perform medical manipulations based on a preliminary or final diagnosis for children	PR - 21
Zn - 1 Um - 1 AB - 1	The ability to perform medical dental manipulations based on a preliminary or final diagnosis for children	PR - 22
Zn-2 Um -1 K - 1 AB-1, AB-2	Ability to provide emergency medical care according to tactical medicine protocols	PR - 23

Zn1 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
Zn2 Critical understanding of problems in education and/or professional activity and at the border of subject areas
Cl1 Solving complex tasks and problems, which requires updating and integrating knowledge, often in conditions of incomplete/insufficient information and conflicting requirements
M2 Conducting research and/or innovative activities
K1 Clear and unambiguous presentation of self conclusions, as well as the knowledge and explanations that substantiate them, to specialists and non-specialists, in particular to persons who are studying
K2 Use of foreign languages in professional activities
AB1 Decision-making in complex and unpredictable conditions, which requires the use of new approaches
AB2 Responsibility for the development of professional knowledge and practices, assessment of the team's strategic development

6. The form and scope of the discipline

Course format	Full-time	
Type of classes	***Number of hours***	***Number of groups***
Lectures	-	-
Practical training	24	1
Self work of students	21	1

6. Topic and content of the discipline

Class type	***Topic***	***Content of training***	***Learning***

code			*outcome code*
P-1	Tumors of soft tissues of MFA in children (hemangioma, lymphangioma, lipoma, myoma, nevus). Tumor-like formations of soft tissues of the face (epidermoid, dermoid, teratoma, atheroma). True tumors and tumor-like neoplasms of the salivary glands. Facial bone tumors (osteoblastoclastoma, osteoma, osteoid-osteoma). Odontogenic tumors of the jaws in children (ameloblastoma, odontoma, cementoma). Tumor-like neoplasms of the jaws - cysts (follicular, residual, fissural, eruption cysts).	1. Determination of the initial level assessment of students' knowledge (oral and test survey). 2. Acquaintance with distributed educational materials 3. Treatment of the patient: – to collect anamnesis; - conduct clinical examination; interpret additional diagnosis methods. istablish a diagnosis and draw up treatment scheme of the patier Interpret the results of studies conducted in patients with benign or tumor-like bone formations of MFA. Make a treatment plan for patients with benign formations of the bones. - fill a medical report card of the patient. 3. Control of the level of assimilation knowledge (tests and situational tasks)	Zn-1, Zn-2 Mind -1 AB-1 K-1, K-2 AB-2
SW - 1	Tumor processes of MFA in children. Distribution of tumors of the face and jaws in children according to the international histological classification of WHO. True tumors and tumor-like neoplasms of the salivary glands	Make a diagram of tumors of the face and jaws in children according to the international histological classification of WHO.	Zn -1
SW - 2	Congenital cysts and fistulas of the neck. Neurofibromatosis.	Show schematically classification of congenital cysts and fistulas of the neck	Zn -1
P-2	Malignant tumors of MFA in children. Diagnostic criteria of benign tumors and tumor-like neoplasms MFA in children. Principles of medical tactics and rehabilitation of malignant tumors on at the different stages of treatment.	1. Determination of the initial level of students' knowledge (oral and test survey). 2. Acquaintance with distributed educational materials 3. Carry out treatment of the patient: – to collect anamnesis; - clinical examination; interpret additional tests results. - make a diagnosis and draw up treatment scheme of the patient. Interpret the results of additional methods of examination of patients with malignant soft tissues tumors or tumors of the bones of MFA. Make a treatment plan for patients with malignant soft tissue or bones tumors of MFA. - fill a medical card of a patient. 3. Control of the level of assimilation knowledge (tests and Situational tasks)	Zn -1, Mind-1 K-1. K-2 AB 1, AB -2
SW - 3	Principles of prevention of onco pathology in children.	Describe the principles of prevention tumor-like neoplasms and tumors of the maxillofacial area in children.	Zn-1
SW-4	Principles of dental caution in pediatric dentistry	Write principles dental caution in pediatric dentistry	ZN-1 Mind-1
P-3	Congenital defects of the development of MFA. Cleft of the lip. Cleft of the palate. Complex treatment and stages of rehabilitation of children with congenital defects of tissue	1. Determination of the initial level of students' knowledge (oral and test survey). 2. Acquaintance with distributed educational materials 3. Carry out treatment of the patient: – to collect anamnesis; - clinical examination; interpret additional tests results. - make a diagnosis and draw up treatment scheme of the	Zn -1, Mind-1 K-1. K-2 AB-1, AB-2

	development of MFA.	patient. Interpret the results of additional methods of examination of patients with developmental malformations of MFA Make a treatment plan for patients with developmental malforn of MFA. - fill a medical card of a patient. 3. Control of the level of obtained knowledge (tests and Situational tasks)	
SW-5	Prevention of infection with specific diseases (tuberculosis, syphilis, AIDS and HIV infection) of a dental surgeon at an outpatient appointment and in hospital conditions.	Describe the principles of prevention of infection with specific diseases.	Zn-1
SW-6	Treatment and prevention of pathological scars after surgical interventions in children in MFA.	Draw up a scheme for the prevention of postoperative scars in children in MFA	Zn - 1
SW-7	Describe the syndromes of the maxillofacial area, which are accompanied by cleft of the upper lip and palate	Describe the syndromes of the maxillofacial area, which are accompanied by cleft of the upper lip and palate	Zn -1
P-4	Regularities of the clinical course, the algorithm of diagnostic - therapeutic and preventive measures, the choice of the method of analgesia in children with inflammatory diseases of MFA and accompanying somatic diseases in outpatient and inpatient (hospital) department.	1. Determination of the initial level of students knowledge (oral and 100th tests). 2. Acquaintance with educational materails 3. Control of the level of obtained knowledge (tests and situatio tasks) 4. Mastery control of practical skills. 5. Protection of medical history report.	Zn -1, Mind-1 K-1, K-2 AB-1, AB-2
SW-8	Compile a table for providing first aid and help to patients with injuries of the maxillofacial area.	Describe the stages of providing care for MFA injuries in children	Zn-1
SW-9	Emergencies in the clinic of pediatric surgical dentistry.	Describe the clinic and treatment plan of emergency conditions in pediatric surgical dentistry	Zn-1 Mind-1 Av-1
SW - 10	Preparation for medical history report	Collection of material and writing of medical history report	Zn-1 Mind-1 K-1

7. Verification of training results

Current control

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

Evaluation of current educational activities . When assessing the mastery of each topic for the current academic year the student's activity is graded on a 4-point (traditional) scale, taking into account the approved

criteria assessment 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 both - theoretical and practical training level. Grades presented according to the traditional scale at the end of the semester are converted into points
The current assessment of the student's educational activity at each practical session is carried out in accordance with specific goals of each topic.
The assessment of the current educational activity in the practical lesson consists of:
1. Assessment of self work of the student (SWS) in preparation for the practical lesson. It is carried out by checking the written notes of the tasks set out in the Workbook to prepare for each topic.
The specific weight of the grade for the synopsis with homework is 25% of the total grade for the class
Balance. If the student did not complete the task for the SW, then the score point for the class 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.
A grade of "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.
The 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.
The 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.
The 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 training of a practical skill on a phantom or a written explanation of its algorithm implementation.
The 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 on the phantom provided for the purpose of the practical session.
The grade "4" is given when the student knows the sequence of actions according to the professional algorithm, with minor mistakes while performimg the dental manipulation on the phantom provided for the purpose of the practical session
The grade "3" is assigned when the student does not fully know the professional algorithm for performing one or another manipulation. Mistakes are allowed when dental manipulation is performed on the phantom, provided for the purpose of practice.
The grade "2" is assigned when the student does not know the professional algorithm for performing dental manipulation, cannot 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***
Zn -1, Zn-1, -1, AB-1	P -1, SRS - 1, 2	1.Assessment of students' knowledge level 2. Evaluation of mastering of practical skills 3. Assessment of student's self work	Assessment of students' level of knoweledge should be done during each practical class on a 4-point scale with using the approved evaluation criteria for the relevant discipline and is entered in the academic journal
Zn-1, UM -1 K-1, K-2, AV-1	P-2, SRS — 3, 4	1.Assessment of students' knowledge level 2. Evaluation of mastering of practical skills 3. Assessment of student's self work	Assessment of students' level of knoweledge should be done during each practical class on a 4-point scale with using the approved evaluation criteria for the relevant discipline and is

			entered in the academic journal
Zn-1, Um-1 K-1.K-2, AB - 1, AB-2	P-3, SRS — 5, 6, 7	1.Assessment of students' knowledge level 2. Evaluation of mastering of practical skills 3. Assessment of student's self work	Assessment of students' level of knoweledge should be done during each practical class on a 4-point scale with using the approved evaluation criteria for the relevant discipline and is entered in the academic journal
Zn-1, UM-1, K-1, K-2, AV-1, AV-2	P-4, SRS — 8, 9, 10	1.Assessment of students' knowledge level 2. Evaluation of mastering of practical skills 3. Assessment of student's self work	Assessment of students' level of knoweledge should be done during each practical class on a 4-point scale with using the approved evaluation criteria for the relevant discipline and is entered in the academic journal

General evaluation system	Participation in work during the semester/credit – 60% - 40%	
Rating scales	Traditional 4-point scale, multi-point (200-point) scale, ECTS rating scale	
Conditions of admission to the final control	The student attended all practical classes and received at least 120 points for the current performance	
Type of final control	***Methodology of final control***	***Enrollment criteria***
Test	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 is 200 points.
The minimum number of points that a student must score for the current educational activity for admission to the credit is 120 points.
The calculation of the number of points is carried out on the basis of the grades received by the student on a (national) scale during the study of the discipline, by calculating the arithmetic mean (AM), rounded to two decimal p
The obtained value is converted into points on a multi-point scale as follows:

$$\frac{AM \times 120}{5}$$

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

4-ball scale	200 - ball scale	4-ball scale	200 - ball scale	4-ball scale	200 - ball 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 (SQE), approved by the order of the Ministry of Health of Ukraine dated 02/19/2019 No. 419, registered in the Ministry of Justice of Ukraine on 03/20/2019 under No. 279/33250.

7. Politics of discipline

(Indicates academic integrity policies, specific program policies relevant to the course).

The points scored on the current test, self work and the points of the final test 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 academic discipline is determined by certain requirements for the student when studying the discipline ***"Pediatric Surgical Dentistry"*** and is based on the principles of academic integrity. The importance of acquiring new knowledge, academic norms to be followed, their 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, correctly refer to sources of information in case of borrowing ideas.

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.

Compliance with the principles and norms of ethics and deontology by students of higher education:

- 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.

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).

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.

8. literature

Basic

1. Surgical dentistry and maxillofacial surgery of childhood: textbook/ L.V. Kharkiv, L.M. Yakovenko, I.L. Chekhova; under the editorship L.V. Kharkiv. - K.: VSV "Medicine", 2015, 496 p.

2. Melnyk V.S., Gorzov L.F., Khalak R.O. M 38 Children's surgical dentistry: Study guide. – Uz Publishing House of UzhNU "Hoverla", 2018. – 92 p.

3. Malanchuk V.O., Borysenko A.V., Kharkov L.V., Khomenko L.O., Rybalov O.V., Nespryad ko V.P., Fli Yakovenko L.M., Ostapko O.I., Skikevich M.G. Basics of dentistry. - Kyiv: Medicine, 2009. - 592 p.

4. Safety and effectiveness of local anesthesia in pediatric dentistry - R. Gumetskyi - GalDent Publishing 2004

5. Malevich O.E., Zhitniy M.I., Chernov D.V. etc. The technique of local anesthesia for small operation oral cavity.
Practical guide: Study guide for students and interns of dental departments of Universities. Medical education III-IV levels of accreditation / - D.: ARTPRESS, 2003. - 93 p.

6. Dental diagnosis (according to IKH-10) : study guide / V. A. Klyomin, P. V. Ishchenko, I. V. Boriso others]. - Kyiv: Medicine, 2015, 214 p.

7. Tkachenko P.I., Gurzhii O.V. Maxillofacial lymphadenitis in children.: Educational manual /: Center. r office from universities of medical education, Ukr. Med. dental academy – Poltava, 2001. – 106 p

Information resources

1. http :// intranet . tdmu _ edu . u.a
2. http://stomatology.sumy.ua/treatment/kariesogennaya-situatsiya.html
3. http://statref.ru/ref_bewrnaqas.html
4. http://plomba911.ru/lechenie-zubov/karies/metody-diagnostiki-kariesa-zubov.html .
5. http://www.myshared.ru/slide/885253/
6. https://nafplentingminki.files.wordpress.com/2016/06/226.pdf
7. http://dental-area.com/statyi/anatomiya-i-fiziologiya/emal.html
8. http://meduniver.com/Medical/histologia/87.html
9. http://cyberleninka.ru/article/n/struktura-intaktnkh-dentina-i-emali-molochnyh-zubov-cheloveka
10. 1. http://www.medterapevt.ru/573.html

9. Equipment, logistical and software support of the discipline

Children's dentist workplace, dental equipment and instruments;
Phantoms of teeth and jaws;
Tables;
Multimedia presentations;
Computer support.

The official website of the Lviv National Medical University named after Danyla Halytskyi:
http://www.meduniv.lviv.ua/
Electronic information resources of the university library:
Electronic catalog of the library.
Information and reference sources: encyclopedias, directories, dictionaries.
Educational electronic publications and resources: manuals containing systematized material within the framework of the academic discipline program.

10. Additional information

Practical classes are held in the clinical offices of the Department of Pediatric Dentistry and in the phantom classroom.

Compiler of the syllabus
(Fur M.B. , PhD, Assoc. Prof.)

Head of Department
(O. V. Kolesnichenko, PhD, Associate Professor)