#### **SYLLABUS**

# of the discipline "Pediatric Dental Surgery" (5 COURSE) **Individual profile course of practical training** (*IPCPT*) "General Dentistry"

ВБ 3.1.4.2

| I. General information   |  |  |  |  |  |
|--|--|--|--|--|--|
| Name of faculty  | Dentistry  |  |  |  |  |
| <b>Educational program</b> (branch, specialty, level of higher education, form of education) | Field of knowledge 22 «Health care» Specialty 221 «Dentistry» second (master's) level of higher education, full- |  |  |  |  |
|  | time   |  |  |  |  |
| Academic year  | 2023/2024  |  |  |  |  |
| Name of discipline, code (e-mail address on the  | Pediatric Dental Surgery   |  |  |  |  |
| website of Danylo Halytsky LNMU)   | (Kaf_peddentistry@meduniv.lviv.ua)   |  |  |  |  |
| <b>Department</b> (name, address, phone number, e-   | Pediatric Dentistry  |  |  |  |  |
| mail)  | 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   |  |  |  |  |
| Year of study  | Fifth  |  |  |  |  |
| Semester   | IX-X   |  |  |  |  |
| Type of discipline/ module   | Selective  |  |  |  |  |
| <b>Teachers</b> (names, surnames, scientific degrees   | Mykola B. Fur, PhD, Associate professor  |  |  |  |  |
| and titles of teachers who teach the discipline, e-mail)                                     | Olga B. Hrynyshyn PhD, Associate professor   |  |  |  |  |
| Erasmus yes/no (discipline availability for  | Yes  |  |  |  |  |
| students within the Erasmus program)   |  |  |  |  |  |
| Person responsible for syllabus (e-mail)   | Mykola B. Fur, PhD, Assoc. prof.   |  |  |  |  |
|  | Kaf_peddentistry@meduniv.lviv.ua   |  |  |  |  |
| Number of credits ECTS   | 1,5  |  |  |  |  |
| Number of hours (lectures/practical  | 45   |  |  |  |  |
| classes/individual work of student)  | Practical classes – 24   |  |  |  |  |
|  | Individual work- 21  |  |  |  |  |
| Language of studying   | English  |  |  |  |  |
| Information for consultation   | Consultations are held according to the schedule   |  |  |  |  |
|  | Place - Department of Pediatric Dentistry  |  |  |  |  |
|  | Time - 16 <sup>00</sup>  |  |  |  |  |
| Address, telephone and schedule of clinical base   | Lviv, Pekarska str 69v   |  |  |  |  |
| 2 614  | Tel. +38(032)276-32-41   |  |  |  |  |

## 2. Short annotation to the discipline

Pediatric Dental Surgery is an educational discipline that enables students to there to master certain dental manipulations used in the clinic in the treatment of benign and malignant tumors, tumor-like formations of soft tissues and bones, congenital defects tissue development, traumatic tissue damage of the maxillofacial area in children; methods of treatment and rehabilitation children with neoplasms. The special (professional) competences acquired in this way will be used by students in the future in the sessions of working directly with patients.

## 3. Purpose and objectives of the discipline

1. The purpose of studying the discipline "Pediatric Dental surgery" 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 malformations).

The main tasks of studying the discipline "Pediatric Dental surgery" are: teaching students the features of diagnosis, clinical manifestations, treatment and prevention of tumors and tumor- like formations of the maxillofacial area, traumatic injuries of soft tissues, teeth and jaws, congenital nonunion of the lips and palate in children, abnormal frenulum of the lips and tongue and prepare a doctor completion of internship to work in treatment and prevention dental institutions of different levels.

# **Competences and learning outcomes,** the formation of which is facilitated by the discipline *general:*

- GC 1. Ability to abstract thinking, analysis and synthesis
- GC 2. Knowledge and understanding of the subject area and understanding of the profession.
- GC 3. Ability to apply knowledge in practical situations.
- 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 the use of 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; ability to work autonomously.
- GC 9. Ability to identify, pose and solve problems.
- GC 11. Ability to work in a team.
- GC 12. The desire to preserve the environment
- GC 13. Ability to act socially responsible and civic conscious.
- GC 14. The ability to realize one's rights and responsibilities as a member of society, to realize the values of a civil (free democratic) society and the need for its sustainable development, the rule of law, the rights and freedoms of a person and a citizen in Ukraine.

### *Special (professional, subject):*

- PC 1. The 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 area.
- 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 maxillofacial area.
- PC 6. The ability to determine a rational regimen of work, rest, and diet in patients in the treatment of diseases of the organs and tissues of the oral cavity and maxillofacial region.
- PC 7. The ability to determine the management tactics of patients with diseases of the organs and tissues of the oral cavity and maxillofacial region with concomitant somatic diseases.
- PC 8. Ability to perform medical and dental manipulations.
- PC 9. The ability to treat the main diseases of the organs and tissues of the oral cavity and maxillofacial area.
- PC 10. Ability to organize and carry out medical evacuation measures.
- PC 11. Ability to determine tactics, methods and provision of emergency medical assistance.
- PC 12. Ability to organize and conduct a screening examination in dentistry.
- PC 13. The ability to assess the impact of the environment on the state of health of the population (individual, family, population).
- PC 14. Ability to maintain regulatory medical documentation.
- PC 15. Processing of state, social and medical information.
- PC 16. Ability to organize and carry out rehabilitation measures and care for patients with diseases of the oral cavity and maxillofacial region.
- PC 17. The ability to legally support one's own professional activity.
- PC 18. The ability to provide pre-medical care according to the protocols of tactical medicine.

# 5. Prerequisites of the discipline

## "Pediatric Dental Surgery" 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 about the need to prevent dental diseases.

| 6. Program learning outcomes   |  |   |  |  |  |  |  |
|--|--|---|--|--|--|--|--|
| List of learning outcomes  Learning outcome  |  |   |  |  |  |  |  |
| Learning outcome code  | Learning outcome code  | Learning outcome code   |  |  |  |  |  |
| The code is created when filling the syllabus (category: Kn- knowledge; Sk-skills; C-competence; AR-autonomy and | 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   | Symbols of the Code of the Program result (PR) of learning outcome the Standard of higher education |  |  |  |  |  |
| responsibility)  | 71 10 111 10 111 1   | 25.1  |  |  |  |  |  |
| Kn-2<br>Sk-1<br>C -1, C-2  | Identify and identify clinical symptoms and syndromes (facial asymmetry; tumors and tumor-like neoplasms in maxillofacial region; mobility of facial bone fragments) by standard methods, using preliminary history of the patient, knowledge of the person, his organs and systems, establish a probable nosological or clinical syndrome diagnosis of MFR injuries, tumors and tumor-like formations and congenital malformations of the face in children.   | PR-1<br>PR - 2  |  |  |  |  |  |
| Kn - 1<br>Sk - 1<br>AR - 1   | Ability to interpret the results of laboratory and instrumental research   | PR – 3,   |  |  |  |  |  |
| Kn - 1<br>Sk - 1<br>AR - 1   | Ability to diagnose: determine the preliminary, clinical, final, concomitant diagnosis; emergencies  | PR - 4<br>PR - 5  |  |  |  |  |  |
| Kn - 2<br>Sk - 1<br>C - 1<br>AR - 1  | Ability to plan and carry out measures for the prevention of diseases of the organs and tissues of the oral cavity and maxillofacial region in children. To analyze the epidemiological situation and carry out measures for mass and individual, general and local drug and non-drug prevention of dental diseases  | PR - 6 ,7   |  |  |  |  |  |
| Kn – 1<br>Sk – 1<br>AR - 1   | Determine the approach, plan, type and principle of treatment of: injuries of maxillofacial region (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 face; congenital malformations of the face: non-union of the upper lip, alveolar process, hard and soft palate (isolated and through); anomalies of attachment of soft tissues of the oral cavity (labial frenulum, tongue, shallow vestibule of the oral cavity)                   |   |  |  |  |  |  |
| Kn-1<br>Kn-2<br>Sk-1<br>C-1  | Determine the nutritional regime of ill children during the treatment of: injuries of maxillofacial region (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 the face; congenital malformations of the face: non-union of the upper lip, alveolar process, hard and soft palate (isolated and through); anomalies of attachment of soft tissues of the oral cavity (frenum of the lips, tongue, shallow vestibule of the oral cavity) | PR - 9  |  |  |  |  |  |
| Sk – 1<br>AR – 1,<br>AR - 2  | Ability to determine the management tactics of dental patients with accompanying somatic diseases  | PR - 10   |  |  |  |  |  |

| Kn – 1                | Ability to treat traumatic injuries of the soft tissues of | PR - 11        |
|-----------------------|--|----------------|
| Sk - 1C - 1           | the face in children according to existing algorithms and  |                |
| AR - 1, AR - 2        | standard schemes under the supervision of the head         |                |
|                       | physician in the conditions of a medical institution       |                |
| Kn-1 Kn-2             | Ability to determine tactics, methods and provision of     | PR 13, 12      |
| Sk - 1 AR - 1, AR - 2 | emergency medical assistance to children.                  |                |
|                       | To organize medical and evacuation measures among          |                |
|                       | the population, military personnel, in emergency           |                |
|                       | situations, including martial law, during the expanded     |                |
|                       | stages of medical evacuation, taking into account the      |                |
|                       | existing system of medical evacuation support.             |                |
| Kn – 2                | The ability to assess the impact of the environment on     | PR 15,14       |
| Sk-2                  | the health of the population (individual, family,          |                |
|                       | population). Analyze and evaluate government, social       |                |
|                       | and medical information using standard approaches and      |                |
|                       | computer information technologies.                         |                |
| Kn − 1                | To form goals and determine the structure of personal      | PR 16,17,18,19 |
| Sk - 1                | activity based on the result of the analysis of certain    |                |
| AR -1                 | social and personal needs.                                 |                |
|                       | Follow a healthy lifestyle, use self-regulation and self-  |                |
|                       | control techniques.  |                |
|                       | To be aware of and be guided in one's activities by civil  |                |
|                       | rights, freedoms and duties, to raise the general          |                |
|                       | educational cultural level.                                |                |
|                       | To comply with the requirements of ethics, bioethics       |                |
|                       | and deontology in their professional activities            |                |
| Kn − 1                | Ability to perform medical manipulations based on a        | PR - 21, 22    |
| Sk-1                  | preliminary or final diagnosis for children. The ability   |                |
| AR - 1                | to perform medical dental manipulations based on a         |                |
|                       | preliminary or final diagnosis for children                |                |
| Kn - 2                | Ability to provide emergency medical care according to     | PR - 23, 20    |
| Sk -1                 | tactical medicine protocols                                |                |
| C – 1                 | To organize the necessary level of individual safety       |                |
| AR -1, AR - 2         | (own and the persons he cares for) in case of typical      |                |
|                       | dangerous situations in the individual field of activity   |                |

**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.

**Kn2** Critical understanding of problems in education and/or professional activity and on the border of subject areas.

- **S1** Solving complex tasks and problems that requires updating and integrating knowledge, often in conditions of incomplete/insufficient information and conflicting requirements.
- S2 Conducting research and/or innovative activities.
- 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.
- C2 Use of foreign languages in professional activities.
- 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.

| 7. The form and scope of the discipline |                         |   |  |  |  |  |
|---|-------------------------|---|--|--|--|--|
| Course format                           | Course format           |   |  |  |  |  |
| Type of classes                         | Type of Type of classes |   |  |  |  |  |
|   | classes                 |   |  |  |  |  |
| Lectures                                | -                       | - |  |  |  |  |
| Practical classes                       | 24                      | 1 |  |  |  |  |
| Individual work                         | 21                      | 1 |  |  |  |  |

| 8. Theme and content of the discipline |  |   |   |   |  |  |  |
|--|--|---|---|---|--|--|--|
| Code type<br>classes                   | Theme  | Content of training   | Learning<br>outcome<br>code                     | Teacher   |  |  |  |
| classes (P) -1                         | region in chidren (hemangioma and lymphangioma, lipoma, fibroma, mioma, nevus). Tumor-like neoplasm of soft tissues of the face (epidermoid and dermoid cysts, teratoma, atheroma). True tumors and tumors-like neoplasms of the salivary glands. Osteogenic tumors of the bones (Giant-cell tumor of bone, Osteoma, Osteoid-osteoma). Tumor-like neoplasm of the jaw – cysts (follicular, residual, fissural, primary bone cyst and eruption cysts) | initial level of students' knowledge (oral and test survey).  2. Acquaintance with educational handout 3. Carry out treatment of the patient: - collect anamnesis; - conduct clinical examination; interpret additional results research methods make a diagnosis and draw up treatment scheme of the patient. Interpret the results of studies conducted in patients with benign tumors or tumor-like bone formations of maxillofacial region. Make a treatment plan for patients with benign formations of the bones of the maxillofacial region issue a medical card of a dental-logic patient.  4. Control of the level of assimilation of knowledge (tests and situational problems) | Kn-1, Kn-2<br>Sk -1, AR -1<br>C-1, C-2<br>AR -2 | Mykola B. Fur, PhD,<br>Assoc. Prof.<br>Olga B. Hrynyshyn<br>PhD, Assoc. Prof. |  |  |  |
| work (Iw)-1                            | the maxillofacial region in children. Distribution of tumors, tumor-like growths of the face and jaws in children according to the international histological classification WHO.  | the face and jaws in children according to the international histological classification of WHO.  | Kn -1   | Mykola B. Fur, PhD,<br>Assoc. Prof.<br>Olga B. Hrynyshyn<br>PhD, Assoc. Prof. |  |  |  |
| Iw -2                                  | Innate middle and lateral cyst and fistulae of neck. Neurofibromatosis.  | Show schematically classification of congenital cysts and fistulas of the neck.   | Kn-1  | Mykola B. Fur, PhD,<br>Assoc. Prof.<br>Olga B. Hrynyshyn<br>PhD, Assoc. Prof. |  |  |  |
|  | children. Diagnostic criteria of the benign tumors and   | 1. Determination of the initial level of students' knowledge (oral and test survey). 2. Acquaintance with educational handout 3. Carry out treatment of the patient: - collect anamnesis; - conduct   | Kn -1,<br>Sk-1<br>C-1, C-2, AR-1,<br>AR-2       | Mykola B. Fur, PhD,<br>Assoc. Prof.<br>Olga B. Hrynyshyn<br>PhD, Assoc. Prof. |  |  |  |

|        | children. Principles of<br>the doctor's tactics and<br>rehabilitation on the   | clinical examination; interpret additional results research methods.  - make a diagnosis and draw up treatment scheme of the patient.  Interpret the results of research conducted on patients with malignant soft tissue tumors tissues or bones of maxillofacial region.  Make a treatment plan for patients with malignant soft tissue or bones of maxillofacial region.  - issue a medical region.  - issue a medical card of a dental-logic patient.  3. Control of the level of assimilation of knowledge (tests and situational problems) |   |   |
|--------|--|--|---|---|
| Iw -3  | Principles of prevention of oncodental pathology in children.  | Describe the principles of prevention tumor-like neoplasms and tumors of the maxillofacial region in children.   | Kn-1                                      | Mykola B. Fur, PhD,<br>Assoc. Prof.<br>Olga B. Hrynyshyn<br>PhD, Assoc. Prof. |
| Iw - 4 |  | Write principles dental prudence in pediatric dentistry  | Kn-1<br>Sk-1                              | Mykola B. Fur, PhD,<br>Assoc. Prof.<br>Olga B. Hrynyshyn<br>PhD, Assoc. Prof. |
| P-3    | Congenital malformations of maxillo-facial area. Cleft of lip and palate. Short frenulum of lip and tongue. Shallow vestibulum oris. Rehabilitation of children with cleft lip and palate. | level knowledge of students (oral and test survey). 2. Acquaintance with educational handout 3. Carry out treatment of the patient: - collect anamnesis; - conduct a clinical examination; tract see additional results research methods make a diagnosis and draw up treatment scheme of the patient issue a medical card dental patient. 3. Control of the level of assimilation of knowledge (tests and situational problems)   | Kn -1,<br>Sk-1<br>C-1, C-2<br>AR-1, AR -2 | Mykola B. Fur, PhD, Assoc. Prof. Olga B. Hrynyshyn PhD, Assoc. Prof.          |
| Iw -5  | Prevention of infection of dental surgeon by specific diseases (tuberculosis, syphilis, AIDS and HIV - infection) at the outpatient  | prevention of infection with specific diseases.  | Kn-1                                      | Mykola B. Fur, PhD,<br>Assoc. Prof.<br>Olga B. Hrynyshyn<br>PhD, Assoc. Prof. |

|        | reception and in the hospital.   |   |  |   |
|--------|--|---|--|---|
| Iw -6  | Treatment and prevention of abnormal scarring after surgery in the maxillofacial area in children.   | Draw up a scheme for the prevention of postoperative scars in children with maxillofacial region/   | Kn - 1                                     |   |
| Iw -7  | Describe the syndromes of<br>the maxillofacial region,<br>which are accompanied by<br>non-union of the upper lip<br>and palate.                                | Describe the syndromes of the maxillofacial area, which are accompanied by non-union of the upper lip and palate.   | Kn -1                                      | Mykola B. Fur, PhD,<br>Assoc. Prof.<br>Olga B. Hrynyshyn<br>PhD, Assoc. Prof. |
| P-4    | Peculiarities of the clinical course, algorithms of diagnosis, treatment and prevention measures, the choice of the methods of the anesthesia in children with | level of knowledge of students (oral and 100th survey).  2. Acquaintance with educational handout.  3. Control of the level of assimilation of knowledge. | Kn -1,<br>Sk-1<br>C-1, C-2<br>AR -1, AR -2 | Mykola B. Fur, PhD,<br>Assoc. Prof.<br>Olga B. Hrynyshyn<br>PhD, Assoc. Prof. |
| Iw -8  | Compile a table for providing assistance to patients with injuries of the maxillofacial region.  | Describe the stages of providing care for maxillofacial injuries in children.   | Kn-1                                       | Mykola B. Fur, PhD,<br>Assoc. Prof.<br>Olga B. Hrynyshyn<br>PhD, Assoc. Prof. |
| Iw - 9 | Emergencies in the clinic of children's surgical stomatology.  | Describe the clinic and treatment of emergency conditions in the clinic of children's surgical dentistry.   | Kn-1<br>Sk-1<br>AR-1                       | Mykola B. Fur, PhD,<br>Assoc. Prof.<br>Olga B. Hrynyshyn<br>PhD, Assoc. Prof. |
| Iw -10 | Preparation for writing medical history  | Collection of material and writing of medical history.  | Kn-1<br>S-1<br>C-1                         | Mykola B. Fur, PhD,<br>Assoc. Prof.<br>Olga B. Hrynyshyn<br>PhD, Assoc. Prof. |

# 7. Verification of training results

# **Current control**

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

Assessment of current educational activities. When assessing the mastery of each topics 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 evaluation of the current educational activity are standardized and include control of theoretical and practical training Exhibition marks on the traditional grading scale at the end of the semester are converted into points.

**Current assessment** of the student's educational activity at each practical session they are carried out in accordance with the specific goals of each topic.

The assessment of the current educational activity in the practical class 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 point of the class. 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 the dental manipulation provided for by the goal on the phantom practical training

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

|                             |                      | individual work.      |              | entered in the journal of academic   |  |
|-----------------------------|----------------------|-----------------------|--------------|--------------------------------------|--|
|                             |                      |                       |              | performance.                         |  |
| Kn-1, Sk-1, C-1, C-2, AR-1, | P-4,                 | 1. Assessment of      | students'    | Assessment of students' current      |  |
| AR-2                        | Iw- 8, 9, 10         | knowledge level       |              | performance is carried out at each   |  |
|                             |                      | 2. Assessment of      | mastering    | practical session on a 4-point scale |  |
|                             |                      | of practical skills   |              | using approved evaluation criteria   |  |
|                             |                      |                       |              | for the relevant discipline and is   |  |
|                             |                      |                       |              | entered in the journal of academic   |  |
|                             |                      |                       |              | performance.                         |  |
| General evaluation          | Participation in wo  | ork during the sem    | ester/credit | z – 60% <i>-</i> 40%                 |  |
| system                      |                      |                       |              |                                      |  |
| Rating scales               | Traditional 4-point  | t scale, multi-poin   | t (200-poin  | t) scale, ECTS rating scale          |  |
| Conditions of admission to  | The student attend   | led all practical cla | sses and re  | ceived at least 120 points           |  |
| the final control           | for the current acad | demic performance     | e            |                                      |  |
| Type of final control       | Methodology of fi    | nal control           | Enrollmen    | nt criteria                          |  |
| Credit                      | All topics submit    | tted for current      | The max      | imum number of points is 200. The    |  |
|                             | control must be inc  |                       | minimun      | n number of points is 120.           |  |
|                             | Grades from a 4      | -point scale are      |              |                                      |  |
|                             | converted into po    |                       |              |                                      |  |
|                             | point (200-poin      | nt) scale in          |              |                                      |  |
|                             | accordance with      | _                     |              |                                      |  |
|                             | "Criteria, rules and | _                     |              |                                      |  |
|                             | evaluating the resu  |                       |              |                                      |  |
|                             | students' education  | nal activities"       |              |                                      |  |

**The maximum number of points** that a student can score for the current academic year activity and 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 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 obtained value

is converted to points on a multi-point scale as follows:

 $x = CA \times 1205$ 

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

| 4-point scale | 200-<br>point<br>scale | 4-<br>point<br>scale | 200-<br>point scale | 4-<br>point<br>scale | 200-<br>point<br>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.

# a. Policy of discipline

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

The points scored on the current test, independent 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 Dental Surgery" and is based on the principles of academic integrity. The importance of acquiring new knowledge, the academic norms that must be followed, their importance, what academic integrity is, what 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.

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.

Attending classes by students of higher education: attendance at all classes is mandatory for the purpose of current and final assessment of knowledge (except for good 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

- 1. Kharkov L. V. Pediatric oral and maxillofacial surgery: a textbook for students of higher medical educational institutions of the III-IV levels of accreditation / L. V. Kharkov, L. M. Yakovenko, N. V. Kiselyova; ed. by L. V. Kharkov. Kyiv: AUS Medicine Publishing, 2015. 103 c.
- 2.Michael Miloro, 2004 London PETERSON'S PRINCIPLES OF ORAL AND MAXILLOFACIAL SURGERY Second Edition

- 3. Pediatric Oral and Maxillofacial Surgery Leonard B. Kaban, Maria J. Troulis, 2004.
- $4. \ Sturdevant's \ art \ \& \ science \ of \ operative \ dentistry-4th \ ed. \ / \ editors, \ Theodore \ M.$

Roberson, Harald O. Heymann, Edward J. Swift, Jr., 2002

#### Additional

- 1. . Contemporary Oral and Maxillofacial Surgery / J. P. Sapp, L. R. Eversole, G. P. Wysocki 2nd ed. St. Louis: Mosby 2004. P. 88-90.
- 2. Oral and Maxillofacial Surgery/G.O. Kruger 6th ed. St. Louis: Mosby Company. 1984. P. 9-38.
- 3. Contemporary Oral and Maxillofacial Surgery / L. J. Peterson, E. Ellis, J. R. Hupp, M.R. Tucker 3rd ed. St. Louis: Mosby Year Book, Inc. 1998. P. 69-82.
- 4. Bauml, Philips R.W., Lund M.R. Texbook of Operative Dentistry. 3-rd ed.- Philadelphia: Saunders, 1995.- 661p.
- 5. Timofieiev O.O. Anesthesia in Oral and Maxillofacial Surgery / O.O. Timofieiev, I.I. Fesenko. Kyiv: OMF Publishing, 2016, 128 p.

# b. Equipment, logistical and software support of the discipline

Pediatric dentist workplace, dental equipment and instruments;

Phantoms of teeth and jaws;

Tables;

Multimedia presentations;

Computer support.

Official website of Danylo Halytsky Lviv National Medical University 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 curriculum of the academic discipline.

#### c. Additional information

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

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