

Ministry of Health of Ukraine  
Poltava State Medical University

Department of Pediatrics №1 with Neonatology

**SYLLABUS**  
**Hospital placements practice**  
(title of the discipline)

**Selective discipline**  
(normative/selective discipline)

level of higher education	the second (master's) level of higher education
field of knowledge	22 «Healthcare»
specialty	222 «Medicine»
educational qualification	master of medicine
professional qualification	doctor
educational and professional program	daily
form of education	
course(s) and semester(s) of study of academic discipline	5 <sup>th</sup> course, 9-10 semester

**MODULE 3. Hospital placements practice of district pediatrician**

## INFORMATION ABOUT TEACHERS WHO TEACH EDUCATIONAL DISCIPLINE

Surname, name, patronymic of the teacher (teachers), academic degree, academic title	Kaluzhka Olena Olexandrivna, Candidate of Medical Sciences, Associate Professor Soloviova Galyna Oleksiyivna, Candidate of Medical Sciences Cherniavska Julia Igorivna, Candidate of Medical Sciences
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### MAIN CHARACTERISTICS OF THE EDUCATIONAL DISCIPLINE

**The volume of module 3.** Hospital placements practice of district pediatrician" Hospital placements practice »

Number of credits/hours - 1/30, of which:

Lectures (hours) - no

Practical (hours) - 8

Individual work (hours) - 22

Type of control: final modular control.

#### Course policy

Mastering the discipline " Hospital placements practice " (Module 3. Hospital placements practice of district pediatrician) is important for future professional medical activities, as it allows applicants for higher education to improve the acquisition of practical skills and practical techniques used in the practice of pediatricians.

The policy of the discipline is based on the principles of academic integrity. Applicants for higher education are required to attend all practical classes. Delays are unacceptable. Medical clothing (medical gown, hat, changeable shoes) is mandatory. Rules of conduct in the classroom: active participation of the applicant for higher education, the implementation of the required minimum of educational work, turning off the phones during class.

**The policy of the academic discipline** is regulated by a system of requirements that a lecturers impose on applicants for higher education in the study of the discipline and it is regulated by the list of current regulations on higher education in Ukraine and the Poltava State Medical University <https://www.pdmu.edu.ua/normativna-baza>

#### Course description (abstract)

"Hospital placements practice" (Module 3. Hospital placements practice of district pediatrician) is based on the knowledge gained in the study of the discipline "Propaedeutics of Pediatrics" in the 3rd year and the discipline "Pediatrics" in the 4th year, "Pediatrics with neonatology and children's infectious diseases "in the 5th year and is a continuation of the study of major diseases of children, namely, the improvement of practical skills and practical techniques used in the practical activities of a pediatrician. The study of the discipline is based on current principles of evidential medicine and the standards adopted in international clinical practice.

### **Prerequisites and post-requisites of the educational discipline (interdisciplinary connections)**

Module 3. Hospital placements practice of district pediatrician is based on prior study by applicants for higher education of human anatomy, biological and bioorganic chemistry, microbiology, virology and immunology, pharmacology and integrates with these disciplines, as well as on the study of propaedeutic and clinical disciplines of medical profile: propaedeutics of pediatrics, pediatrics, pediatrics with neonatology and children's infectious diseases and integrates with these disciplines.

The knowledge gained during the study of the modules will be used in further professional activities.

### **Purpose and objectives of the course:**

the purpose of studying the discipline «Hospital placements practice» (Module 3. Hospital placements practice of district pediatrician) training of doctors in the sections of children's diseases in accordance with professional requirements, mastering practical skills and practical techniques used in the practice of a pediatrician.

**The main tasks of studying the discipline "Hospital placements practice"** (Module 3. Hospital placements practice of district pediatrician) are to acquire and improve practical skills and practical techniques used in the practice of pediatrician.

**Competencies and learning outcomes facilitated by the study of discipline «Hospital placements practice »** (Module 3. Hospital placements practice of district pediatrician).

In accordance with the requirements of the Standard, the Module ensures that applicants for higher education acquire competencies:

- **integral competence:** Ability to solve complex specialized tasks and practical problems in professional activities in the field of health care in the specialty "Medicine", or in the learning process, which involves research and/or innovation and is characterized by complexity and uncertainty of conditions and requirements.

#### **- general competencies (GC):**

GC 1. Ability to abstract thinking, analysis and synthesis, the ability to learn and master modern knowledge.

GC 2. Ability to apply knowledge in practical situations.

GC 3. Knowledge and understanding of the subject area and understanding of professional activity.

GC 4. Ability to adapt and act in a new situation.

GC 6. Ability to communicate in the state language both orally and in writing; ability to communicate in a foreign language. Ability to use international Greco-Latin terms, abbreviations and clichés in professional oral and written speech.

GC 7. Skills in the use of information and communication technologies.

GC 8. Definiteness and persistence of set tasks and taken responsibilities.

GC 9. Ability to act social responsibly and consciously.

GC 10 The desire to preserve the environment.

#### **- special (professional) competencies (SC):**

SC1. Skills of interviewing and clinical examination of the patient.

SC2. Ability to determine the required list of laboratory and instrumental studies and evaluate their results.

SC3. Ability to establish a previous and clinical diagnosis of the disease.

- SC4. Ability to determine the required mode of work and rest during the treatment of diseases:
- SC 5. Ability to determine the nature of nutrition during the treatment of diseases.
- SC 6. Ability to determine the principles and character of disease treatment.
- SC7. Ability to diagnose emergencies.
- SC 8. Ability to determine the tactics of emergency medical care.
- SC 9. Emergency care skills
- SC 11. Skills to perform medical manipulations.
- SC 13. Ability to carry out sanitary and hygienic and preventive measures.
- SC 14. Ability to plan and carry out preventive and anti-epidemic measures against infectious diseases.
- SC 15. Ability to determine the tactics of management of persons subject to dispensary supervision.
- SC17. Ability to keep medical records.

**Program learning outcomes, the formation of which is facilitated by the discipline "Hospital placements practice" (Module 3. Hospital placements practice of district pediatrician).**

PLO1. To know the structure and functions of individual organs and systems and the human body as a whole in the norm, with the development of pathological processes, diseases; be able to use the acquired knowledge in further training and in the practice of the doctor.

PLO 2. To collect data on patient complaints, life anamnesis in a health care facility and/or at home of a patient, according to a standard survey scheme.

PLO 3. To assign and analyze additional (mandatory and by choice) examination methods (laboratory, radiological, functional and/or instrumental). To evaluate information for the purpose of differential diagnosis of diseases, using knowledge about a person, his organs and systems, based on the results of laboratory and instrumental research.

PLO 4. To establish a previous and clinical diagnosis of the disease on the basis of leading clinical symptoms or syndromes by making an informed decision and logical analysis, using the most probable or syndromic diagnosis, laboratory and instrumental examination data of the patient, conclusions of differential diagnosis, knowledge of a person, his organs and systems. adhering ethical and legal norms.

PLO 5. To determine the necessary mode of training and rest during the treatment of the disease in a health care facility, at home of the patient and at the stages of medical evacuation, including in the field, including on the basis of a previous clinical diagnosis, using knowledge about the person, his organs and systems, adhering to the relevant ethical and legal norms, by making an informed decision according to existing algorithms and standard schemes.

PLO 6. To prescribe the necessary medical nutrition during the treatment of the disease, in a health care facility, at the patient's home and at the stages of medical evacuation, including in the field on the basis of a previous clinical diagnosis, using knowledge about the person, his organs and systems, adhering to the relevant ethical and legal norms, by making an informed decision according to existing algorithms and standard schemes.

PLO 7. To determine the character of treatment of the disease (conservative, operative) and its principles in a health care facility, at home of the patient on the basis of a previous clinical diagnosis, using knowledge about the person, his organs and systems, adhering to relevant ethical and legal norms, by making an informed decision according to existing algorithms and standard schemes.

PLO 8. To diagnose emergencies and establish a diagnosis (according to the list 3) by making an informed decision and assessing the human condition under any circumstances (at home, on the street, in a health care facility), including in emergency situations, in field conditions, in conditions of lack of information and limited time, using standard methods of physical examination and possible anamnesis, knowledge about a person, his organs and systems, adhering to the relevant ethical and legal norms.

PLO 9. To determine the tactics of emergency medical care, under any circumstances, using knowledge about the person, his organs and systems, adhering to the relevant ethical and legal norms, by making an informed decision, based on the diagnosis (according to the list 3) for a limited time by using standard schemes.

PLO 10. To provide emergency medical care under any circumstances, using knowledge of the person, his organs and systems, adhering to the relevant ethical and legal norms, by making an informed decision, based on a diagnosis of emergency (according to the list 3) in a limited time according to certain tactics using standard schemes.

PLO 14. To implement a system of anti-epidemic and preventive measures, including primary prevention measures in the health care institution and beyond, on the basis of data on the health of the population served, the presence of environmental impact, determinant of health, using existing methods, within the primary health care for the population. To organize secondary and tertiary prevention measures among the assigned population, using a generalized procedure for assessing human health (screening, preventive medical examination, seeking medical care).

PLO 15. To plan and implement preventive and anti-epidemic measures to prevent the spread of infectious diseases in a health care facility based on the results of epidemiological surveys of infectious diseases centers, epidemiological analysis, using existing preventive and anti-epidemic methods. To identify the risk group in the health care facility, using statistical and laboratory methods, risk areas, time of risk, risk factors and carry out epidemiological analysis of infectious diseases of the population. To diagnose infectious diseases in the early stages, carry out primary anti-epidemic measures in the center of infectious disease.

PLO 24. Adhere to a healthy lifestyle, use the methods of self-regulation and self-control.

PLO 25. To aware of and to be guided in their activities by civil rights, freedoms and responsibilities, constantly improving professional and cultural levels.

PLO 26. To adhere to the requirements of ethics, bioethics and deontology in their professional activities.

PLO 27. To ensure the necessary level of individual safety (own and persons cared for) in case of occurrence of typical dangerous situations in the individual field of activity.

***Learning outcomes for the discipline:***

upon completion of Module 3. «Hospital placements practice of district pediatrician»

**to know how:**

To collect data on patient complaints, medical anamnesis, life anamnesis, in a health care facility, its unit or at the patient's home, using the results of the interview with the patient, according to the standard scheme of the patient's survey. Under any circumstances (in the health care facility, its unit, at the patient's home, etc.), using knowledge about the person, his organs and systems, according to certain algorithms:

- to collect information about the general condition of the patient (consciousness, constitution) and appearance (examination of the skin, subcutaneous fat layer, palpation of lymph nodes and thyroid gland);
- to examine the condition of the cardiovascular system;
- to examine the condition of the respiratory system;
- to examine the condition of the abdominal organs.

2. To evaluate information about the patient's condition in the clinic, using a standard procedure, using knowledge about the person, his organs and systems, based on the results of laboratory and instrumental studies.

3. To perform medical manipulations that are a part of the functional ones of district pediatrician, using knowledge about the person, his organs and systems, adhering to the relevant ethical and legal norms and using standard methods (including from the list 5 of the Standard).
4. To carry out preventive measures, in the conditions of children's polyclinic on the basis of data on a state of health of certain contingents of the population and on existence of the influence of environment on it, using existing methods, within primary medical care to the population, concerning:
  - mode of activity and rest;
  - primary prevention of diseases and injuries;
  - vaccine prophylaxis;
  - prevention of bad habits;
  - promotion of a healthy lifestyle.
5. To provide the necessary regime during the treatment of the disease, using knowledge about the person, his organs and systems, adhering to the relevant ethical and legal norms, by making an informed decision according to existing algorithms.
6. To provide emergency medical care, under any circumstances, using knowledge of the person, his organs and systems, adhering to the relevant ethical and legal norms, by making an informed decision, based on the detection of an emergency (from the list 3 of the Standard: acute respiratory failure, acute heart failure, acute bleeding, acute blood loss syndrome, cardiac arrest, respiratory arrest, collapse) for a limited time according to certain tactics, using standard schemes.
7. To ensure adherence to the necessary medical nutrition in the treatment of the disease, in a health care institution, using knowledge about the person, his organs and systems, adhering to the relevant ethical and legal norms, by making an informed decision according to existing algorithms and standard schemes.
8. To keep medical records about the patient (fill in the medical card of an inpatient, a letter of prescription, an outpatient card, etc.), using standard technology, based on regulatory documents under the conditions of the health care institution, its unit.

**be able:**

- conduct surveys and physical examinations of patients and analysis of their results
- to plan schemes of examination of a specific patient depending on features of a clinical course of a disease.
- analyze the results of basic laboratory and instrumental research methods.
- identify the leading pathological symptoms and syndromes in the most common diseases.
- to carry out a differential diagnosis and make a previous diagnosis of the most common diseases.
- to interpret the general principles of treatment, rehabilitation and prevention of the most common diseases in children.
- to master the methods of diagnosis and emergency care at the pre-hospital stage.
- to master the necessary medical manipulations.
- to get acquainted with the maintenance of medical records in the clinic.
- to master the moral and deontological principles of a medical specialist and the principles of professional subordination.

**Thematic plan of lectures (by modules) with the indication of the basic questions considered at lectures**

Not provided by the program

**Thematic plan of seminars by modules and content modules with indication of the main issues considered at the seminar**

Not provided by the working curriculum

**Thematic plan of practical classes by modules and content modules with the indication of the basic questions considered at practical lesson**

No/number in order	The content of practical training	Number of hours
<b>Module 3. Hospital placements practice of district pediatrician</b>		
1	The structure and organization of work of the children's polyclinic section. 1. The structure of the pediatric ward. 2. Documentation of the district pediatrician. 3. Participation in the registration of basic documents in the work of the district pediatrician. 4. Diagnosis and treatment of major children's diseases in an outpatient conditions. 5. Indications for planned and urgent hospitalization of children in outpatient practice.	4
2	Participation in conducting outpatient admission. 1. Assessment of physical and neuropsychological development of the child. 2. Assessment of the child's health. 3. Compilation of the diet of a healthy child. 4. Participation in preventive measures and medical examination of children with diseases of various body systems. 5. Methods of hardening of young children and children who are often ill. 6. Participation in the system of child care. 7. Carrying out sanitary and educational work. 8. Psychological and linguistic contact with healthy and sick children, building a faithful relationship with the parents of a sick child. 9. Participation in providing an emergency care to children at the pre-hospital stage. 10. Participation in vaccination of children in the clinic. 11. Participation in providing an emergency care to children with post-vaccination complications.	4
	Total	8

**Individual work (by modules and content modules)**

No/number in order	Name of the topic	Number of hours
<b>Module 3. Hospital placements practice of district pediatrician</b>		22
1	Examination of healthy and sick children.	9
2	Evaluation of clinical data (general analysis of blood, urine, feces) and biochemical examination of patients (blood protein content and its fractions, acute phase indicators, urea and blood creatinine, electrolytes, glucose, blood bilirubin and its fractions, coagulogram, blood lipid profile), microbiological study of biological fluids and secretions, polymerase chain reaction, enzyme-linked immunosorbent assay, general analysis of sternal punctate and cerebrospinal fluid.	2

3	Evaluation of the data of instrumental research methods: X-ray examination of the chest, abdominal cavity, joints, CT of the CNS (computed tomography of the central nervous system), X-ray contrast angiography, Electrocardiography (ECG), echocardiography, ultrasound of the abdominal organs.	2
4	Knowledge of the timing of preventive vaccinations. Indications and contraindications to vaccination.	2
5	Rationale and formulation of clinical diagnosis.	2
6	Interpretation of general principles of treatment, primary and secondary prevention of major childhood diseases in an outpatient conditions.	2
7	Emergency care for children (convulsive and hyperthermic syndromes, collapse, pulmonary edema, bronchospasm, asthmatic status, acute heart failure, infectious-toxic shock, acute renal failure, acute liver failure, acute adrenal gland failure, complications of vaccination and drug therapy, hives, Quincke's edema, anaphylactic shock, ketoacidotic coma, hypoglycemic coma, bleeding, etc.)	3

### **Individual tasks**

Preparing and conducting interviews with sick children and their parents:

- The role of vitamin D for the body of a young child,
- Advantages of natural feeding,
- Hardening of the child of early age,
- Anemia in children: what parents should know
- Diabetes mellitus in children,
- The problem of childhood obesity,

### **The list of theoretical questions to the final modular control**

1. Principles of organization of medical care for children in outpatient conditions.
2. Clinic, laboratory and instrumental diagnostics and tactics of treatment of major children's diseases in outpatient conditions.
3. Principles of organization of vaccine prevention of infectious diseases in Ukraine.
4. System of dispensary supervision of healthy and sick children.
5. Application of ethics and deontology principles in pediatrics.

### **List of practical skills in the discipline**

1. To conduct surveys and physical examinations of patients and analysis of their results
2. To plan schemes of examination of the specific patient depending on features of a clinical course of a disease.
3. To analyze the results of basic laboratory and instrumental research methods.
4. To identify the leading pathological symptoms and syndromes in the most common diseases.
5. To make a differential diagnosis and make a previous diagnosis of the most common diseases.
6. To interpret the general principles of treatment, rehabilitation and prevention of the most common diseases in children.
7. To master the methods of diagnosis and emergency care at the pre-hospital stage.
8. To master the necessary medical manipulations.
9. To get acquainted with the maintenance of medical records in the clinic.
10. To master the moral and deontological principles of a medical specialist and the principles



of professional subordination

### **Form of final control of learning progress**

Final module control, semester final certification

### **Current and final control system**

Final control system

Control measures for assessing applicants' for higher education learning activities include final control of applicants' for higher education knowledge, skills and abilities.

Control measures are based on the principles of: compliance with higher education standards; use of a standardized and unified diagnostic system aimed at the application of knowledge; definition of evaluation criteria; objectivity and transparency of control technology. The final assessment of learning outcomes is carried out on a single 200-point scale. The assessment of the applicant for higher education corresponds to the ratio of the level of professional and general competencies established during the assessment to the planned learning outcomes (in percentage). At the same time, standardized generalized criteria for assessing the knowledge of applicants for higher education are used (Table 1).

**Table 1.** *Standardized generalized criteria for assessing the knowledge of applicant for higher education in PSMU*

On a 4-point scale	Assessment in ECTS	Evaluation criteria
5 (excellent)	A	The applicant for education shows special creative abilities, is able to acquire knowledge independently, finds and processes the necessary information without the help of the teacher, is able to use the acquired knowledge and skills for decision-making in unusual situations, convincingly argues answers, independently reveals own talents and inclinations, possesses not less than 90 % of knowledge on the topic both during the survey and all types of control.
4 (good)	B	The applicant for education is fluent in the studied amount of material, applies it in practice, freely solves tasks and problems in standardized situations, independently corrects errors, the number of which is insignificant, has at least 85% knowledge of the topic both during the survey, and all types of control.
	C	The applicant for education is able to compare, summarize, systematize information under the guidance of a scientific and pedagogical worker, in general, independently apply it in practice, control their own activities; to correct mistakes, including significant ones, to choose arguments to confirm opinions, has at least 75% knowledge on the topic both during the survey and all types of control.
3 (satisfactory)	D	The applicant for education reproduces a significant part of the theoretical material, shows knowledge and understanding of the basic provisions with the help of scientific and pedagogical worker, can analyze educational material, correct errors, including a considerable number of significant ones, has at least 65% knowledge of the topic both during the survey and all types of control.

	E	The applicant for education possesses educational material at a level higher than the initial, a significant part of it is reproduced at the reproductive level, has at least 60% knowledge of the topic both during the survey, and all types of control.
2 (unsatisfactory)	FX	The applicant for education possesses the material at the level of individual fragments that make up a small part of the material, has less than 60% knowledge of the topic both during the survey and all types of control.
	F	The applicant for education possesses the material at the level of elementary recognition and reproduction of individual facts, elements, has less than 60% knowledge of the topic both during the survey, and all types of control.

Assessment of current learning activities is conducted during practical classes. The main purpose of current control is to provide feedback between the scientific and pedagogical worker and the applicant for higher education in the learning process and the formation of learning motivation of applicants for higher education. The information obtained during the current control is used both by the scientific and pedagogical worker - to adjust technologies, methods and teaching aids, and by the applicant for higher education - to plan an independent work.

Current control can be carried out in the form of oral questioning, solving situational tasks, assessment of manipulations performance, written control, written testing in practical classes.

#### **Carrying out of final modular control**

The final module control (FMC) is carried out at the end of the module and is carried out on the last day of this cycle, or on the day determined by the dean's office (for applicants for higher education who have passed practice in accordance with the contract at the place of residence). Passing and re-taking of the final modular control is carried out in accordance with the "Regulations on the organization and methodology of assessment of educational activities of applicant for higher education in the Poltava State Medical University»

Applicants for higher education who have worked in the children's polyclinic department all the days allotted for the module are admitted to the FMC. FMC is accepted by scientific and pedagogical workers appointed by the head of the department. The FMC score is evaluated in points and it is not converted into a traditional 4-point score. The maximum number of FMC points is 80 points. The minimum number of FMC points at which the control is considered to be passed is 50 points. The maximum number of points for the module is 200 points (of which up to 120 points for the current learning success).

Questions (tasks, situational tasks) presented at the FMC cover the most important sections of the working curriculum, which are sufficiently highlighted in the literature recommended as main (basic) in the study of pediatric disciplines. Examination tickets for FMC are formed on the issues, which are approved at the meeting of the department. Compilation of FMC is carried out in writing.

In case of violation of the rules of academic integrity (p.2.2.5. Rules of internal regulations), the results of the assessment obtained during the passing of the FMC by the applicant for higher education, he/she is graded "unsatisfactory" for the answer.

The obtained points for the module are put by the scientific and pedagogical worker in the "Statement of final modular control" and the individual curriculum of the applicant for higher education.

**Table №2.** Unified table of correspondence of scores for current learning success, scores for FMC, exam and traditional four-point score.

Average score for current learning success (A)	Points for current learning success in the module (A * 24)	Points for FMC from the module (A*16)	Points for the module and / or exam (A*24 + A*16)	ECTS category	By 4-point scale	
2	48	32	80	<b>F FX</b>	<b>2 unsatisfactory</b>	
2,1	50	34	84			
2,15	52	34	86			
2,2	53	35	88			
2,25	54	36	90			
2,3	55	37	92			
2,35	56	38	94			
2,4	58	38	96			
2,45	59	39	98			
2,5	60	40	100			
2,55	61	41	102			
2,6	62	42	104			
2,65	64	42	106			
2,7	65	43	108			
2,75	66	44	110			
2,8	67	45	112			
2,85	68	46	114			
2,9	70	46	116			
2,95	71	47	118			
3	72	50	122			<b>E</b>
3,05	73	50	123			
3,1	74	50	124			
3,15	76	50	126			
3,2	77	51	128			
3,25	78	52	130	<b>D</b>	<b>3 satisfactory</b>	
3,3	79	53	132			
3,35	80	54	134			
3,4	82	54	136			
3,45	83	55	138			
3,5	84	56	140	<b>C</b>		<b>4 good</b>
3,55	85	57	142			
3,6	86	58	144			
3,65	88	58	146			
3,7	89	59	148			
3,75	90	60	150			
3,8	91	61	152			
3,85	92	62	154			
3,9	94	62	156			
3,95	95	63	158			

4	96	64	160	<b>B</b>	
4,05	97	65	162		
4,1	98	66	164		
4,15	100	66	166		
4,2	101	67	168		
4,25	102	68	170		
4,3	103	69	172		
4,35	104	70	174		
4,4	106	70	176		
4,45	107	71	178		
4,5	108	72	180	<b>A</b>	<b>5 excellent</b>
4,55	109	73	182		
4,6	110	74	184		
4,65	112	74	186		
4,7	113	75	188		
4,75	114	76	190		
4,8	115	77	192		
4,85	116	78	194		
4,9	118	78	196		
4,95	119	79	198		
5	120	80	200		

Information about applicants for higher education who are not enrolled in FMC, with the exact reason for non-enrollment is also included in the "Statement of final module control" and individual curricula of applicants for higher education. The reasons for non-enrollment may be as follows:

a) the applicant for higher education has unworked absences of classes and (or) lectures, industrial practice. Mark "n/f" (not fulfill) in the column "points for FMC";

b) the applicant for higher education has attended all classes (practical, seminar, lecture), but has not scored the minimum number of points for the current educational activity and is not allowed to FMC. Mark "n/a" (not allowed) in the column "points for FMC";

c) the applicant for higher education attended all classes, scored points for current educational activities and was allowed to the FMC, but did not come to the FMC. The mark "n/c" (not come) in the column "points for FMC".

The applicant for higher education has the right to compile and re-compile FMC.

Permission to retake FMC is issued by the dean in the form of "Personal statement of reorganization of final control" which the applicant for higher education receives in the dean's office with personal signature upon presentation of individual curriculum and (if necessary) information from the the department about debt liquidation (absence of "abs", average grade point of learning success is 3.0 and more). In the case of organized reorganization of the FMC by a group of applicants for higher education, the general statement is used.

The personal statement of re-compilation of the final modular control (general statement) is filled in by the head of the department or his authorized person in two copies, one of which remains at the department, the other is returned to the dean's office by the head of the department (responsible teacher).

Applicant for higher education has the right to retake FMC, until the end of the study of the discipline.

**Teaching methods**

- practical (practice);
- analysis of specific situations (case method);

**Control methods**

- written control;
- practical check;
- self-control;
- self-esteem

Types of control:

- control.

**Methodological support**

1. Methodical instructions on passing of industrial practice.
2. List of recommended literature.
3. Methodical materials presented on the page of the department on the PSMU website.

**Recommended literature****Main:**

1. Pediatrics: textbook: [textbook for English-speaking students of higher medical educational institutions of the IV level of accreditation] / ed. O.Tiazhka; O.V.Tiazhka, T.V.Pochinok, A.M. Antoshkina [etal.]; Ministry of Public Health of Ukraine, O.O.Bogomolets National Medical University. – 3rd ed., reprint. – Vinnytsia: Nova Knyha, 2018. – 542 p.
2. Pokhylyko V.I., Tsvirenko S.N., Lysanets YU.V. Age-related features and pathology of blood in children.: Manual for students of Hanger medical educational institutions of the III-IV accreditation levels. – Poltava: 2017. – 139 p.
3. Kaliuzhka E., Fastovets M. Lectures on pediatric endocrinology (teaching aid). – Poltava: 2016. – 91 p.

**Additional:**

1. Katilov O.V. Infant and young child nutrition (0 - 23 months): recommendations / O.V. Katilov, A.V. Varzar, O. Yu. Belousova, O. A. Rykov - Vinnytsia: Nova Knyha, 2019. - 64 p.

**Internet resources:**

1. <https://www.ahajournals.org/doi/10.1161/CIR.0000000000000734>
2. <http://www.who.int/cancer/palliative/definition/en/>
3. <https://pubmed.ncbi.nlm.nih.gov/23736015/>
4. <https://www.karger.com/Article/Fulltext/448985>