

Syllabus

OF THE COURSE OF CHILD CARE IN THE CONDITIONS OF A PEDIATRIC HOSPITAL

(developed on the basis of a provisional indicative curriculum for the training of specialists of the second (master's) level of higher education in the field of knowledge 22 "Health" at higher educational establishments of the Ministry of Health of Ukraine specialty 222 "Medicine" educational qualifications: Master of Medicine

Term – IV

The volume of module – 45 hours, lectures – 0 hours, practical classes – 10, self work – 35 hours, ECTS credits – 1,5.

The goal of the course. This course assists students to integrate knowledge derived from the bio/psycho/social sciences, humanities, nursing and current literature to achieve safe, competent care of pediatric patients and their families who are experiencing normal development and alterations in body systems. Course content is organized by the nursing process in order to achieve best practice outcomes for pediatric patients and their families experiencing bio/psycho/social/cultural and spiritual needs. The subject of study of the discipline are the rules of care of children in the conditions of pediatric hospital, ethical-deontological relations between the medical staff of the ward with sick children and their relatives, as well as medical-protective and anti-epidemic regimes of the children's hospital.

The suggested results of the course.

To know – the rules of care of children in the conditions of pediatric hospital, ethical-deontological relations between the medical staff of the ward with sick children and their relatives, as well as medical-protective and anti-epidemic regimes of the children's hospital.

To do – demonstrate mastery of the basic principles of medical deontology; determine the content of caring for ill children and their role in the structure of treatment interventions; be aware of the basic functional responsibilities of the nursing staff in nursing facilities; to know the principles of professional subordination in the system of pediatricians - nurses and nurses; know and be able to complete certain medical records of the pediatric hospital etc.

To demonstrate – basic awareness of the nursing process in pediatric hospital.

To have skills – the ability to solve typical and complex specialized tasks and practical problems in health care professional work or in a training process that involves research and / or innovation and is characterized by the complexity and uncertainty of conditions and requirements.

To be solve by themselves – situations dealing with ethical-deontological relations between the medical staff of the ward with sick children and their relatives, as well as medical-protective and anti-epidemic regimes of the children's hospital.

Summarized table of the required competencies learned throughout the course.

Competencies		
Integrative Competencies	General Competencies	Special (Professional) Competencies
<p>The ability to solve typical and complex specialized tasks and practical problems in health care professional work or in a training process that involves research and / or innovation and is characterized by the complexity and uncertainty of conditions and requirements.</p>	<ul style="list-style-type: none"> • Know the methods of analysis, synthesis and further modern learning. • Be able to analyze information, make informed decisions, be able to acquire modern knowledge. • Make appropriate connections to achieve goals. • Have deep knowledge of the structure of professional activity. • Be able to engage in professional activities that require updating and integration of knowledge. • Ability to formulate a communication strategy effectively professional activity. • Be responsible for professional development, the ability to further vocational training with a high level of autonomy. • Know the tactics and strategies of communication, the laws and means of communication behavior. • Be able to make an informed decision, choose ways and communication strategies to ensure effective teamwork. • Be responsible for the choice and tactics of the communication method. • Have a good command of the state language and basic knowledge of a foreign language. • Be able to apply knowledge of the state language, both verbally and in writing, be able to 	<ul style="list-style-type: none"> • Demonstrate mastery of the basic principles of medical deontology; • determine the content of caring for ill children and their role in the structure of treatment interventions; • be aware of the basic functional responsibilities of the nursing staff in nursing facilities; • to know the principles of professional subordination in the system of pediatricians - nurses and nurses; • know and be able to complete certain medical records of the pediatric hospital; • Know the structure and function of the pediatric hospital; • To know the functions of the reception room of the children's hospital • to know the features of admission of children to a pediatric hospital • to know the features of carrying out sanitary-hygienic treatment of a sick child; • to know the features of transportation of sick children; • be aware of the health and safety regimes of the children's hospital.

	<p>communicate in a foreign language.</p> <ul style="list-style-type: none"> • Use a foreign language in a professional activity. • Know the responsibilities and ways of accomplishing the tasks. <p>Be able to set a goal and a task to be persistent and conscientious in fulfilling responsibilities.</p> <ul style="list-style-type: none"> • Make interpersonal connections for effective performance of tasks and responsibilities. Responsible for quality performance of tasks. • Know your social and community rights and responsibilities. Form your civic consciousness, be able to act in accordance with it. • Ability to convey their social and social position. Responsible for your civic position and activities. 	<ul style="list-style-type: none"> • Demonstrate mastery of the health and hygiene and anti - epidemic regimen in a pediatric hospital; • Demonstrate personal health care skills. • Demonstrate mastery of the personal hygiene skills of children 1 year of age; • Demonstrate mastery of child care in a children's hospital; • be aware of the use of hygienic and therapeutic baths; • demonstrate the ability to care for children with fever; • be able to perform anthropometric measurements for children of all ages; • Features of the organization of nutrition of children of all ages In the conditions of a pediatric hospital.
--	--	--

Requires of the course.

Pre-requisites - knowledge in the basic disciplines: medical biology, medical and biological physics, human anatomy, physiology, bioorganic and biological chemistry, microbiology and biology, microbiology and biology with which the industrial practice program integrates.

Co-requisites – basic knowledge of proreductive surgery, internal medicine, hygiene, microbiology, pathanatomy.

Post-requisites – the practice of nursing forms the basis for further study of clinical disciplines by the student - pediatrics, pediatrics, medical psychology, childhood diseases, infectious diseases, oncology, anesthesiology and intensive care, which involves integration with these disciplines to apply knowledge of caring for ill children in the course of further education and in their professional activities.

The course of nursing care is carried out in the pediatric ward, directly during the IV semester. The childcare practice program is presented in one module, divided into 5 topics.

№	THEMATIC PLAN OF PRACTICAL LESSONS	Hours
1.	Features of deontology in the work of health care professionals with children and their relatives. Primary professional responsibilities of junior staff in pediatric hospitals. Principles of professional subordination in the system pediatrician - secondary medical staff - junior medical staff. Medical records. The structure and functions of the pediatric hospital. Reception ward of pediatric hospital. Pediatric hospital function.	2
2.	Hospitalization, sanitation and transportation of sick children. Organization of sanitary-hygienic and anti-epidemic regime. Disinfection and sterilization of child care items. Personal hygiene of medical staff.	2
3.	Features of hygiene of children and their care in hospital. Hygienic and medical baths. Caring for children with fever. Use of enemas in children.	2
4.	Technique of anthropometric measurements in children of different ages.	2
5.	Features of nutrition of healthy children of the first year of life and children of different ages. Organization of nutrition of children in hospital. Differential credit.	2

Type of work – practical classes, self work.

Type of study – daily base studying.

Studying method – verbal, ppt demonstration, simulation, research, interactive discussion.

Control methods – tests, practical cases, oral answers.

Control class – differential credit.

Methods for studying results evaluation – individual tasks, dairy, tests, practical cases.

Langue of the course – English.

Study results evaluation

Current control is carried out according to specific goals during each of the practical classes and during independent work in the hospital department. For control it is recommended to use the following means of diagnostics of the level of preparation of students: control of the implementation of practical skills, solving situational problems (analysis and evaluation of the results of studies characterizing the state of systems and organs), test control of theoretical training.

Current student evaluation on relevant topics is conducted on the traditional 4-point system (excellent, good, satisfactory, unsatisfactory), followed by conversion to a multi-scale scale.

The grade is "excellent" when the student knows the program in full, illustrating the answers with a variety of examples; gives thoroughly accurate and clear answers without any direct questions; teaches material without errors and inaccuracies; freely solves problems and performs practical tasks of varying degrees of complexity;

The "good" grade is given if the student knows the whole program and understands it well, answers the questions correctly, consistently and systematically, but they are not exhaustive, although

the additional questions the student answers without errors; solves all problems and performs practical tasks, experiencing difficulties only in the most difficult cases;

Assessment "satisfactory" is assigned to the student based on his knowledge of the entire scope of the program in the subject and a satisfactory level of understanding of it. The student is able to solve the modified (simplified) tasks with the help of the following questions; solves problems and executes practical skills, experiencing difficulties in simple cases; not able to systematically state the answer itself, but answers the questions directly answered correctly.

A grade of "unsatisfactory" is given in cases where the student's knowledge and skills do not meet the requirements of a "satisfactory" grade.

Assessment of students' knowledge in practical classes is as follows. The initial level of knowledge is tested by tests. Student readiness for the class (initial stage) is checked on the basis of the answer to 10 test tasks. At the first practical session, these questions are included in the final control. For the correct answer to 9-10 tests the student gets 10 points; 8-7 correct answers - 8 points, 6-5- 6 points, 4-0 tests 0 points. The main stage of the practical training involves the development of practical skills. The poll is rated: 22-21 points - "5", 20-18 points - "4", 17-12 - "3". To evaluate a student's assimilation of a topic, he is asked to answer a situational task. If the problem is correctly solved - the student receives 8 points, solved with disadvantages - 6 points. Not Solved - 0 points. The points obtained during the class are added (points received for tests + points received for polls + points received for tasks).

Individual work of the student (writing of abstracts, preparation of instructions, preparation and carrying out of conversations with sick children, carrying out anthropometric measurements at children of different age) is estimated: 20-15-10 points (once for a module).

Class	1	2	3	4	5
Topic number	1	2	3	4	5
Max points	40	40	40	40	40
Min points	24	24	24	24	24

Assessment of students' independent work. Independent student work, which is provided in the topic, along with the classroom work, is evaluated during the ongoing control of the topic in the relevant lesson.

The recalculation of scores from the multivariate scale is as follows. For each practical lesson of content module 3:

Score "excellent" - 36-40 points

Score "good" - 30-35 points

The rating is "satisfactory" - 24-29 points

Score "unsatisfactory" - 23-0 points

The maximum number of points that a student can earn for his / her current educational activity is 200 points. It is calculated by adding up the number of points that correspond to the grade of "excellent" in each practical session (40 points for topics # 1-5).

The minimum number of points a student can earn when studying the module is calculated by adding up the number of points corresponding to the grade "C" for each class (12 points for topics # 1-5)

One of the activities of the student and his supervision by the teacher is the maintenance of the Journal of industrial practice (Appendix 1), which is filled out by the student every day and signed by the teacher after completing the independent part of the student's work in the hospital. Upon completion of the manufacturing internship, the student completes the Final Report on the Work Completed (Appendix 2). The presence of a completed and signed by the teacher of the Diary and the Final Report is obligatory for the admission of the student to the differential test in industrial practice.

Final control is carried out in the form of differentiated offset. The assessment of the results of differentiated credit is carried out according to the 200-point system of knowledge control, approved by the university and national scale.

The grade for a discipline is defined as the sum of grades of current educational activity (in points). The maximum number of points awarded to students in mastering the discipline "nursing in the children's ward" - 200 points. The transfer of discipline of the student is carried out differentiated according to the total number of accumulated points, which should be not less than the minimum required, which is 120 points.

When taking a differential test from the discipline, the student is entitled to reschedule unsatisfactory assessments within a period not later than three days (cycle system - one day) before the final control in order to accumulate a minimum number of points for enrollment of the discipline.

The department does not hold the differential credit in the form of a separate lesson.

Assessment of knowledge in the discipline is carried out on the appropriate scale:

Points	National marks scale	Marks	ECTS scale marks
170-200	Excellent	A	Excellent (excellent performance with only a small number errors)
155-169	Good	B	Very good (above average with a few errors)
140-154		C	Good (overall correct execution with a number of significant errors)
125-139	Satisfactory	D	Satisfactory (not bad, but with many drawbacks)
111-124		E	Enough (performance meets minimum criteria)
60-110	Unsatisfactory	FX	Unsatisfactory (recyclable)
1-59		F	Unsatisfactory (with compulsory re-study of discipline)

Upon receiving an unsatisfactory grade from a discipline within 60-110 points (FX), the student has the right to resubmit it twice: one for the departmental committee with the participation of the department chair, and last time - the commission with the participation of the head of the department and the dean.

If you receive an unsatisfactory grade from a discipline within 1-59 points (F), the student is obliged to re-study it at extra time on a paid basis.

Politics of the course. Academic debt solving procedure.

If the student does not score a minimum score during the current control, which corresponds to a satisfactory ECTS grade of "E" and scores 111 points, then he / she automatically receives a poor grade and the discipline is not credited and credits are not accrued accordingly.

Upon receiving an unsatisfactory grade from a discipline within 60-110 points (FX), the student has the right to resubmit it twice: one - to the departmental commission with the participation of the head of the department, and last time - the commission with the participation of the head of the department and the dean. The student is offered test assignments that contain questions on all topics that include the discipline program. In case of positive passing of tests, the student receives a grade of E with a minimum number of points, namely 120 points.

Reassembly of disciplines with unsatisfactory grades is carried out according to the schedule of the department, which is agreed with the Dean (interval between attempts or disciplines not less than 3 days). The courses taught in the relevant course must be completed by the beginning of the new academic year. The availability of academic debt by the start of the new academic year is the basis for the expulsion of a student from the university for failure to comply with the requirements of the curriculum (or for the completion of an academic leave and a second course of study for health reasons).

References

- Global strategy for infant and young child feeding. WHO, 2002.
- V.G. Maidannyk. Propedeutic Pediatrics - Vinnytsia: New Book, 2012. -880 p.
- O.M. Kovaleva, et al. Care for the sick.-K .: Medicine. - 2010.
- T. Kyle. Maternity and Pediatric Nursing, 3rd edition. Lippincott Williams & Wilkins. – 2017.
- N. Burton. Clinical Skills for OSCEs, 5th edition. - Scion Publishing Ltd. 2015. – 344 p.
- Nelson Textbook of Pediatrics. 20th edition. – V(1,2). – 2016. – P.5315.

Internet links

- <http://zakon1.rada.gov.ua/cgi-bin/laws/main.cgi?nreg=3611-17>
- <http://www.meddean.luc.edu/lumen/meded/medicine/pulmonar/pd/contents.htm>
- <http://meded.ucsd.edu/clinicalmed/>
- http://archive.nbu.gov.ua/portal/soc_gum/vzhdu/2011_57/vip_57_13.pdf
- http://archive.nbu.gov.ua/portal/chem_biol/Mosv/2012_4/data/article22.pdf
- http://archive.nbu.gov.ua/portal/Soc_Gum/Npd/2012_1/2neranov.pdf.

List of practical skills for students taking the course

- To interview the sick child and fill in the front page of the medical history.
- Carry out child care items after use.
- Examine the child for the presence of scabies and pediculosis
- Prepare appropriate facilities and demonstrate the ability to prepare the milk mixture.
- Prepare appropriate means and demonstrate on the model the method of feeding the baby the first year of life with the help of a bottle.
- Prepare appropriate means and demonstrate on the model the method of washing the baby, depending on the gender and the hygienic bath.
- To prepare appropriate means and to demonstrate on a model the method of toilet of eyes, ears, oral cavity of the child of the first year of life.
- To change the bedding and linen of the child in bed.
- To prepare necessary equipment for cleansing enema, child of different age, to demonstrate the method of its use on the model.
- Demonstrate possible techniques for measuring the temperature of the child and the ability to record the results in a temperature sheet.
- Prepare appropriate means and demonstrate on the model of a newborn baby's swaddling technique.
- To prepare appropriate means and to demonstrate on the model the method of anthropometric measurements (height, weight, head and chest circumferences) to a child of a certain age.

DIARY
 training in the practice of caring for sick children
 2nd year student of faculty group

(Name)

Place of practice:

Chair _____

Clinical Base _____.

Date Hours of work*	Done work * *	Teachers signature ***

* separately stated hours of work during the classroom preparation and independent work

** lists the completed manipulations and tasks with parentheses in number,
 the ward numbers or the name of the ward unit where they were directly performed

*** the manipulation and tasks during the classroom training are certified by the teacher's signature
 and during the independent work by the ward senior nurse.

FINAL REPORT
 about work done during the industrial practice in the care of sick children
 to the extent of the responsibilities of the junior medical staff
 2nd year student of faculty group

 (Name)

Place of practice:

Chair _____

Clinical base _____

№ з/п	List of procedures	Min	Done
1.	Sanitary and hygienic cleaning of premises	3	
2.	Filling in the documentation at the hospital reception	2	
3.	Examination of children for scabies and pediculosis	3	
4.	Transportation of sick children to the ward	2	
5.	Anthropometric studies (height, body weight, head circumferences, chest, shoulder, thighs, shins)	4	
6.	Interviewing sick children	4	
7.	Carrying out treatment of baby care items after use.	6	
8.	Preparation of milk formula.	2	
9.	Feeding infants from a bottle and spoon.	2	
10.	Washing the baby based on gender	4	
11.	Body temperature measurement	6	
12.	Filling of temperature sheets	6	
13.	Toilets for the eyes, ears, mouth of the baby for the first year of life.	4	
14.	Others (specify)		

Teachers signature _____

02.03.2020 Protocol №15

Recommended

at the methodical meeting of the Department of Pediatrics No. 4

Head of the Department, Academician of the National Academy of Medical Sciences of Ukraine

Professor _____

V.G. Maidannyk

«_____» _____ 2020

Teacher _____

«_____» _____ 2020