

**MINISTRY OF HEALTH OF UKRAINE**  
**ODESSA NATIONAL MEDICAL UNIVERSITY**  
**Department of Pediatrics No. 1**

**Syllabus of selective educational discipline**  
**"Peculiarities of communication with a sick child and her parents"**

<b>Scope:</b>	<i>Total hours for discipline:</i> 45 hours, 1.5 credits. Semester IX – X. 5 year
<b>Days, hours, place:</b>	According to the schedule of classes. Department of Pediatrics No. 1. St. Ac. Vorobyova 3, Communal non-commercial enterprise "Odessa Regional Children's Clinical Hospital" of the Odessa Regional Council, 9-storey building, 7th floor.
<b>Teacher (s)</b>	Aryayev M.L. Corresponding Member National Academy of Medical Sciences of Ukraine, Doctor of Medical Sciences, Professor, Head of the Department. Associate professors: PhD Kaplina L.E., Biryukov V.S., Senkivska L.I. Assistants: PhD Usenko D.V. Assistants: Pavlova V.V., Selimkhanova D.S., Byshley N.A., Streltsov M.S.
<b>Contact information:</b>	Information by phone: Kaplina Larisa Evgenievna, head teacher: 0509707163. Senkivska Liudmyla Ivanivna, responsible for organizational and educational work at the department: 0679590334 or by landline of the department: (048) 705 53 21 - laboratory assistant, Olkhovska Veronika Olexandrivna. <b>E-mail:</b> pediatrics50@gmail.com. <b>Personal consultations:</b> from 2:00 pm to 5:00 pm every Thursday and from 9:00 am to 2:00 pm every Saturday. <b>On-line consultations:</b> from 4:00 pm to 6:00 pm every Thursday and from 9:00 am to 2:00 pm every Saturday. A link to an online consultation is provided to each group separately during the class.

**COMMUNICATION**

Communication will be carried out in the classroom.

During distance learning, communication is carried out through the Microsoft Teams platform, Zoom, as well as through e-mail correspondence, through Viber messengers (through groups created in Viber, for each group separately through group leaders).

**ANNOTATION OF THE EDUCATIONAL DISCIPLINE**

*The subject of study of the selective discipline* - "Peculiarities of communication with a sick child and her parents".

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*Prerequisites and postrequisites of the discipline (the place of the discipline in the educational program):*

**Prerequisites:** Ukrainian language (professional), foreign language (professional), Latin language and medical terminology, medical biology, medical and biological physics, medical chemistry, biological and bioorganic chemistry, human anatomy, histology, cytology and embryology, physiology, microbiology, virology and immunology, life safety; fundamentals of bioethics and biosafety, pathomorphology, pathophysiology, pharmacology, hygiene and ecology, propaedeutics of pediatrics.

**Postrequisites:** internal medicine, pediatrics, surgery, obstetrics and gynecology, infectious diseases, epidemiology and principles of evidence-based medicine, oncology and radiation medicine, traumatology and orthopedics, anesthesiology and intensive care, emergency medical care, hygiene and ecology, internal medicine, surgery, obstetrics and gynecology, infectious diseases, palliative medicine, general practice (family medicine).

**Purpose:** The applicant for higher education acquisition of additional knowledge and mastery of professional competences in providing emergency care to children, based on the competences obtained during the study of previous disciplines.

**Tasks:**

1. Formation of skills and communication skills with a sick child or her parents.
2. Improving the skills of justifying a clinical diagnosis, making a plan for laboratory and instrumental research.
3. Mastering the ability to determine the tactics of providing emergency care for common diseases in children.

Expected learning outcomes. As a result of studying, the applicant for higher education must:

**Know:** Algorithms of communication with the parents of a newborn. Algorithms for communication with the parents of a child with complaints of a long cough, hemorrhagic rash, signs of rickets.

**Be able:**

- Communicate with the parents of a newborn regarding the support of effective breastfeeding and in the presence of jaundice and bacterial infection according to the algorithm of *Integrated Management of Childhood Illness*.
- Communicate with the parents of a child suffering from severe pneumonia, probable pneumonia, cough according to the algorithm of *Integrated Management of Childhood Illness*.
- Communicate with the parents of the child, with complaints about a long cough according to the algorithm of communication with the parents of a child

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with diseases of the respiratory tract (foreign body, cystic fibrosis, lymphogranulomatosis).

- Conduct a survey of the child's parents to determine the risk of bronchial asthma in the child.
- Conduct a survey of the child's parents according to the algorithm of differential diagnosis of hemorrhagic diseases in children (thrombocytopenia, thrombocytopenia, hemorrhagic vasculitis, acute leukemia).
- Conduct a survey of the child's parents according to the algorithm of examination and medical management of a young child with rickets.
- Conduct a survey of the parents of a child with anemia according to the algorithm of *Integrated Management of Childhood Illness*.
- Conduct clinical examination of children of different ages according to standard methods.
- Analyze the results of laboratory, functional and instrumental research.
- Carry out differential diagnosis and substantiate the clinical diagnosis.
- Determine tactics and provide emergency medical care in emergency situations in children.
- Determine the nature and principles of treatment of sick children on the basis of a preliminary clinical diagnosis, observing relevant ethical and legal norms, by making a reasoned decision according to existing algorithms and standard schemes.
- Perform medical manipulations (according to list 5) for common diseases in children.
- Keep medical documentation for common diseases in children.

**DESCRIPTION OF THE EDUCATIONAL DISCIPLINE**

The discipline will be conducted in the form of seminars (16 classroom hours); organizing the student's self-make work (29 hours).

Teaching methods: discussion of theoretical issues, face-to-face survey on basic terminology, testing, role-playing games for mastering communication skills of communication with a sick child or his parents with common diseases in children, (work in a team).

*The content of the selective educational discipline*

**Topic No. 1. Features of communication with the parents of a newborn child to support effective breastfeeding and in the presence of jaundice and bacterial infection.**

Elaboration of the algorithm of communication with the mother of a newborn child on breastfeeding according to the algorithm of *Integrated Management of Childhood Illness*, role-playing games.

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**Topic No. 2.** Elaboration of the algorithm of communication with the mother of the newborn child on the presence of jaundice and bacterial infection in the child, according to the algorithm of *Integrated Management of Childhood Illness*.

**Topic No. 3. Respiratory diseases in children, features of communication with the child's parents.**

Elaboration of the algorithm of communication with the parents of a child with severe pneumonia, probable pneumonia, cough according to the algorithm of *Integrated Management of Childhood Illness*.

**Topic No. 4. Hemorrhagic and hematological diseases in children, features of communication with the child's parents.**

Elaboration of the algorithm of communication with the parents of a child for the differential diagnosis of hemorrhagic diseases in children (thrombocytopenia, thrombocytopathy, hemorrhagic vasculitis, acute leukemia).

**Topic No. 5. Hemorrhagic and hematological diseases in children, features of communication with the child's parents.**

Elaboration of the algorithm of communication with the parents of a child with anemia according to the algorithm of *Integrated Management of Childhood Illness*.

**Topic No. 6. Disorders of mineral metabolism in children, features of communication with the parents of a child with symptoms of rickets.**

Elaboration of the algorithm of interrogation, examination and medical management of a young child with rickets (due to insufficient intake of vitamin D, impaired absorption, or hereditary disorders of phosphorus-calcium metabolism).

**Topic No. 7. Prolonged cough in children, features of communication with parents.**

Elaboration of the algorithm of communication with the parents of a child with a prolonged cough (foreign body of the respiratory tract, cystic fibrosis, lymphogranulomatosis).

**Topic No. 8. Prolonged cough in children.**

Elaboration of the algorithm for communication with the child's parents to determine the risk of asthma in children.

***List of recommended literature:***

**Basic:**

1. Nelson textbook of pediatrics, 2 volume set. Edition: 21st, 2019. PDF format. <http://pediacalls.com/e-books/nelson-textbook-of-pediatrics-21st-edition/>
2. Charles A.Pohl, Leonard G.Gomella. Pediatrics On-Call Problems, 2006. PDF format.
3. Vinod K Paul, Arvind Bagga. Ghai Essential Pediatrics, 8th edition, 2013. PDF format.

**Additionally:**

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1. Chang A.B., Marchant J.M. Approach to chronic cough in children. - Literature review: Nov 18, 2020. – UpToDate: [https://www.uptodate.com/contents/approach-to-chronic-cough-in-children?search=chronic%20cough%20in%20children&source=search\\_result&selectedTitle=1~150&usage\\_type=default&display\\_rank=1](https://www.uptodate.com/contents/approach-to-chronic-cough-in-children?search=chronic%20cough%20in%20children&source=search_result&selectedTitle=1~150&usage_type=default&display_rank=1)
2. O'Brien S. Approach to the child with bleeding symptoms: Literature review. - UpToDate: Sep 19, 2019. - [https://www.uptodate.com/contents/approach-to-the-child-with-bleeding-symptoms?search=Approach%20to%20the%20child%20with%20bleeding%20symptoms&source=search\\_result&selectedTitle=1~150&usage\\_type=default&display\\_rank=1](https://www.uptodate.com/contents/approach-to-the-child-with-bleeding-symptoms?search=Approach%20to%20the%20child%20with%20bleeding%20symptoms&source=search_result&selectedTitle=1~150&usage_type=default&display_rank=1)
3. Diagnosis and treatment of bronchial asthma in children aged 5 years and younger: Global Initiative for Asthma - GINA, review 2019.
4. Feeding Guidelines for Infants and Young Toddlers: A Responsive Parenting Approach, 2017.

**EVALUATION**

Forms and methods of current control: oral (survey, participation in a role-playing game), practical (working with the patient and his parents), assessment of communication skills and activity in the class

**EVALUATION OF KNOWLEDGE (DISTRIBUTION OF POINTS)**

Forms and methods of current control: oral, written, practical.

*Final control* - a test

Means of diagnosing learning success: questions for current control, clinical tasks, role-playing cases, questions for final control, performance of practical skills on simulation equipment, individual tasks.

Current assessment criteria for the seminar session:

Excellent "5"	The applicant for higher education is fluent in the material, takes an active part in role games, discussing and solving a situational clinical problem, confidently demonstrates practical skills during the examination of a sick child and interpretation of clinical, laboratory and instrumental studies, expresses his opinion on the topic of the lesson, demonstrates clinical thinking.
Good "4"	The applicant for higher education is well versed in the material, participates in the role games, discussion and solution of the situational clinical problem, demonstrates practical skills during the examination of a sick child and interpretation of clinical, laboratory and instrumental studies with some errors, expresses his opinion on the topic, demonstrates clinical thinking.

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Satisfactorily "3"	The applicant for higher education does not have enough material, insecurely participates in the role games, discussion and solution of the situational clinical problem, demonstrates practical skills during the examination of a sick child and interpretation of clinical, laboratory and instrumental studies with significant errors.
Unsatisfactorily "2"	The applicant for higher education does not have the material, does not participate in the role games, discussion and solution of the situational clinical problem, does not demonstrate practical skills during the examination of a sick child and the interpretation of clinical, laboratory and instrumental studies.

FINAL EXAMINATION - a credit given to the applicant for higher education who has completed all sections of the educational program of a selective discipline, actively participated in seminars, has an average current grade of at least 3.0 and has no academic debt. Possibility and conditions of obtaining additional (bonus) points: not provided.

### **SELF-MAKE WORK OF HIGHER EDUCATION ACQUIRES**

Self-make work involves only preparation for each seminar.

#### **POLICY OF THE EDUCATIONAL DISCIPLINE**

*Deadline and retake policy:*

1. Class absences for disrespectful reasons are worked out according to the schedule of the teacher on duty.
2. Class absences for valid reasons are worked out according to the individual schedule with the permission of the dean's office.

*Policy of the academic integrity:*

Adherence to academic integrity by students involves:

- ♦ independent performance of educational tasks, tasks of current and final control of studying outcomes (for persons with special educational needs this requirement is applied taking into account their individual needs and capabilities);
  - links to sources of information in the case of the use of ideas, developments, statements, information;
  - compliance with the law on copyright and related rights;
  - providing reliable information about the results of their own (scientific, creative) activities, used research methods and sources of information.

Unacceptable in educational activities for participants in the educational process are:

- ♦ use of family or business relationships to obtain a positive or higher assessment in the implementation of any form of control over learning outcomes or preferences in scientific work;



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- ♦ use of prohibited auxiliary materials or technical means (cheat sheets, abstracts, headphones, telephones, smartphones, tablets, etc.) during control measures;
- ♦ passing the procedures of control of learning outcomes by fictitious persons.

For violation of academic integrity, students may be held subject to the following academic liability:

- reduction of the results of assessment of exams, tests, etc.;
- re-assessment (exam, test, etc.);
- appointment of additional control measures (additional individual tasks, tests, etc.);

**Policy of the attendance and lateness:**

***Dress code:*** a medical gown that completely covers outerwear or medical pajamas, a medical cap, a mask, changeable shoes.

***Equipment:*** notebook, pen, stethoscope, medical latex gloves.

***Health status:*** the applicant of the higher education suffering from acute infectious diseases, including respiratory diseases, are not allowed to study.

***Start of classes:*** 8.30 am.

The applicant who is late for class may be present, but if the teacher put "absence" in the journal, he must work it out in the general order.

**Mobile devices:** can be used with the permission of the teacher, if they are needed to perform the task.

**Behavior in the audience:** working, calm.