

MINISTRY OF HEALTH OF UKRAINE
KHARKIV NATIONAL MEDICAL UNIVERSITY
Department of Pediatrics №1 and Neonatology
Academic year 2021/2022

SYLLABUS OF THE EDUCATIONAL DISCIPLINE
“Physiological and clinical nutrition of children of different ages.
Basics of pediatric palliative care”

Normative educational component

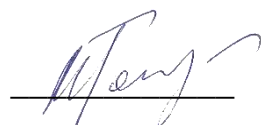
The form of education is full-time, distance

**Educational program for training specialists of the second (master's)
level of higher education training 22 "Healthcare"
in specialty 222 "Medicine"**

Course 6

The syllabus of the discipline was
approved at the meeting of the
Department of Pediatric #1 and
Neonatology
Protocol No.1 from
"27" August 2021

Head of Department

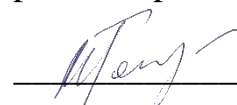


prof. M. Gonchar

Approved by the methodical
commission of KhNMU on problems
of professional training pediatric
profile

Protocol No.1 from
"27" August 2021

Chairperson of the methodical
commission of KhNMU on problems
of professional training
pediatric profile



prof. M. Gonchar

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Direct consultations: time and location according to department schedule.

On-line consultations: Moodle, Zoom, Google Meet (schedule and location by prior agreement with a lecturer)

Location: Municipal Non-profit Enterprise of the Kharkiv Regional Council “Regional Clinical Children Hospital, Municipal Non-profit Enterprise of the Kharkiv Regional Council “Regional Specialized Children's Home “Hippocrat””.

The syllabus of the discipline "Physiological and clinical nutrition of children of different ages. Basics of pediatric palliative care." is compiled in accordance with the educational-professional program " Medicine ", the second (master's) level, field of knowledge 22 "Health".

Objective: to provide training for highly qualified specialists in the field of medicine, namely in pediatrics, able to solve complex problems of diagnostics, treatment and prevention of childhood diseases.

Learning outcomes.

The course "Physiological and clinical nutrition of children of different ages. Basics of pediatric palliative care". The 6th year of study is devoted to the basic principles of nutrition, stages of palliative care for children with incurable diseases, taking into account the age anatomical and physiological characteristics of the child's body. During the course, students have the opportunity to participate in the supervision and demonstration of children with special needs, as well as children with various pathologies. The course covers both the practical and theoretical aspects of the future family doctor or pediatrician. Clinical experience can be gained during practical classes in the leading institutions of the region according to the schedule of classes, which are located in the departments of KNP KHOR "Regional Clinical Center for Medical Rehabilitation and Palliative Care for Children" Hippocrates ", KNP CHOR ODKL, KNP" MDL palliative care - children's hospice. The course is aimed at students mastering the theoretical principles of palliative care for children, control of basic symptoms in pediatric palliative care, the basics of communication with parents of children with special needs, nutritional support for children with protein-energy deficiency and various pathological conditions. Teaching is based on the principles of evidence-based medicine using current standards of world professional societies. The course covers the main practical and theoretical aspects of the future pediatrician, family doctor, neonatologist.

The subject of study of the discipline is pediatric palliative care and nutritional support for children of all ages. **Interdisciplinary links:**

Prerequisites and co-requisites of the discipline

The discipline "Pediatrics" is related to the disciplines of medical biology, normal and pathological anatomy, normal and pathological physiology, biochemistry, microbiology, propaedeutics of pediatrics, medical genetics, pharmacology and medical prescription, epidemiology and principles of evidence-based medicine, emergency care, and also have practical skills in caring for pediatric patients and their management in outpatient and inpatient settings.

Post-requisites of the discipline.

The main provisions of the training discipline should be applied in the study of related disciplines during the 6 year of study, is the basis for preparing for the licensed exam, preparing for study in higher education institutions at the programs of the third educational and scientific level.

1. PURPOSE AND TASKS OF THE COURSE

1.1. The purpose of the study is to provide training for highly qualified specialists in the field of pediatrics, able to solve complex problems of diagnosis and treatment of major somatic diseases and conditions in children of different ages.

1.2. The main objectives of the course are the acquisition general and professional competencies of the educational and professional program "Medicine" of the second level of higher education, specialty 222 Medicine.

1.3. Competences and learning outcomes, the formation of which is facilitated by the discipline:

1.3.1. The study of the discipline provides students with the acquisition of competencies:

- Integrated competencies:

ability to solve typical and complex specialized tasks and practical problems in professional activities in the field of health care, or in the learning process, which involves research and/or innovation and is characterized by complex and uncertain conditions and requirements.

- General competencies:

ability for abstract thinking, analysis and synthesis, ability to learn and to be trained; the ability to apply knowledge in practical situations; knowledge and understanding of the subject area and understanding of professional activities; adaptability and action in a new situation; the ability to make informed decisions; work in a team; interpersonal interaction skills; ability to communicate effectively in certain language with using both personal skills and appropriate technology; to be certain and responsible for any activities and take into account all social aspects.

- Professional competencies in pediatrics:

Survey skills; ability to identify and evaluate a list of necessary laboratory and instrumental investigations; ability to establish a preliminary and clinical diagnosis of the disease; ability to determine the necessary regimens of work, rest and nutrition; the ability to define causes and principles of treatment of disease; ability to diagnose and provide an intensive care in emergency conditions; medical manipulation skills; the ability to plan and implement sanitary, preventive and anti-epidemic events, including infectious diseases; the ability to define tactics for the management of persons subject to dispensary supervision; ability to make medical records.

1.3.2. The study of the discipline provides students with the acquisition of the following program learning outcomes:

PRT 1 – to have general and special fundamental and profession-oriented knowledge, abilities, skills and competences required for carrying out typical professional tasks, which are associated with activity in the medical field in a particular position

PRT 2 – to have knowledge about psychophysiological peculiarities of human, human health, health support, prophylaxis of diseases, treatment of human, health of population

Use of knowledge and understanding:

PRT 3 – to apply the acquired knowledge, skills and understanding for performing typical tasks in the doctor's activity, whose sphere of use is determined by lists of syndromes, signs and symptoms, diseases, medical emergencies, laboratory and instrumental methods of examination, medical manipulations

PRT 4 – to collect information about the patient

PRT 5 – to evaluate results of questioning, physical examination, data of laboratory and instrumental methods of examination

PRT 6 – to establish of an initial clinical diagnosis of a disease

PRT 7 – to determine the character and principles of treatment of diseases

PRT 8 – to determine the required diet, mode of work and rest in treating diseases

PRT 9 – to determine the tactics for managing the persons subject for regular medical check-ups

PRT 10 – to diagnose medical emergencies, determine tactics for provision of emergency medical aid

PRT 15 – to perform medical manipulations

PRT 17 – be able to keep medical documents and processing state, social and medical information

Formation of judgements:

PRT 18 –to assess the state of human health and provide its support with consideration of effects of the environment and other determinants of health

PRT 20 – to apply the acquired knowledge about the current system of health care for optimization of one's own professional activity and participation in performing practical tasks in the field

PRT 21 – to adhere to the ethical code of the doctor, which ensures the formation of a specialist with appropriate personal qualities

The study of this discipline promotes development of the following soft skills:

- Communicability (implemented through: working in groups with brainstorming during the analysis of clinical cases, presenting results of independent work to the group),
- teamwork (implemented through: working in groups with brainstorming during the analysis of clinical cases),
- conflict management (implemented through: business games),

- time management (implemented through: self-organization during working in groups and individually),
- leadership skills (implemented through: presenting the results of individual work for the group).

2. INFORMATION SCOPE OF THE COURSE

2.1 General information

| Name of indicators | Field of knowledge, direction of training, educational and qualification level | Characteristics of the discipline |
|---|--|-----------------------------------|
| | | full-time education |
| Number of credits 3 | Area of knowledge 22 "Health care" | Normative |
| The total number of hours is 90 | Specialty: 222 "Medicine" 228 "Pediatrics" | Year of preparation: |
| | | 6th |
| | | Semester |
| | | XI-XII |
| Hours for day (or evening) form of study: classroom - 30 independent work of the student - 60 | Education level: master | Lectures |
| | | 0 hours |
| | | Practical, seminar |
| | | 30 hours |
| | | Laboratory |
| | | 0 hours |
| | | Individual work |
| | | 60 hours |
| Individual tasks: | | |
| Type of control: Differentiated credit | | |

2.2 Description of the discipline

2.2.1 Lectures

Not provided per the curriculum

2.2.2 Seminars

Not provided per the curriculum

2.2.3 Practical classes

| № n/o | Topics | Number of hours | Learning methods | Forms of control |
|---|---|--------------------|---|---|
| Chapter 1. Differential diagnosis of the most common respiratory diseases in children. | | | | |
| 1. | Topic 1. Features of rational food for children | 5 | Verbal (explanation, conversation, discussion), Visual (presentation, videos), , role play, (case simulation, delegation of duties), case method, debates, brainstorming, interactive virtual cases, use of mannequins | oral examination (individual and frontal); written survey; test control |
| 2. | Topic 2. Nutritional support for children with protein-energy deficiency and various pathological conditions. | 5 | Verbal (explanation, conversation, discussion), Visual (presentation, videos), role play, (case simulation, delegation of duties), case method, debates, brainstorming, interactive virtual cases, use of mannequin | oral examination (individual and frontal); written survey; test control |
| 3. | Topic 3. Principles of breastfeeding premature babies. | 5 | Verbal (explanation, conversation, discussion), Visual (presentation, videos), business, role play, (case simulation, delegation of duties), case method, debates, brainstorming, interactive virtual cases, | oral examination (individual and frontal); written survey; test control |

| | | | | |
|-------------------------|---|----|---|---|
| | | | use of mannequin | |
| 4. | Topic 4. Principles of palliative care for children. Features of palliative care at different ages of childhood. The rights of children with disabilities and life-threatening. | 5 | Verbal (explanation, conversation, discussion), Visual (presentation, videos), business, role play, (case simulation, delegation of duties), case method, debates, brainstorming, interactive virtual cases, use of mannequin | oral examination (individual and frontal); written survey; test control |
| 5. | Topic 5. Scales of pain. The purpose of the assessment. Barriers to pain assessment and measurement. Non-pharmacological and pharmacological methods of anesthesia. | 5 | Verbal (explanation, conversation, discussion), Visual (presentation, videos), business, role play, (case simulation, delegation of duties), case method, debates, brainstorming, interactive virtual cases, use of mannequin | oral examination (individual and frontal); written survey; test control |
| 6. | Topic 6. Communication with siblings. Spiritual and social support of the child and his family members. Communication with children and solving emotional problems. The level of interaction between the child and family members. Recommendations. Assessment of treatment options and care for the child and family. Final lesson | 5 | Clinical examination, Computer testing | Computer testing, Control of individual work, Assessment of current learning activity |
| Hours in general | | 30 | | |

2.2.4. Laboratory classes

Not provided by the curriculum

2.2.5. Individual work

| № n/o | Topics | Number of hours | Learning methods | Forms of control |
|-------|---|-----------------|----------------------------|---|
| 1. | Topic 7. Psychological needs of children depending on age. The spiritual needs of children depending on age. Elaboration of Orders of the Ministry of Health of Ukraine on palliative care assistance. Protocols for palliative care. | 5 | Practical (self-education) | oral examination (individual and frontal); written survey; test control |
| 2. | Topic 8. Children's rights. Charter of children with incurable diseases. | 5 | Practical (self-education) | oral examination (individual and frontal); written survey; test control |
| 3. | Topic 9. Basics of communication with parents of children with special needs. | 5 | Practical (self-education) | oral examination (individual and frontal); written survey; test control |
| 4. | Topic 10. Difference between child and adult palliative care. Children's palliative care within the general palliative care program/hospice program. | 5 | Practical (self-education) | oral examination (individual and frontal); written survey; test control |
| 5. | Topic 11. Features of self-care skills development for children of different ages. | 5 | Practical (self-education) | oral examination (individual and frontal); written survey; test control |
| 6. | Topic 12. Game and music therapy as auxiliary means of physical therapy. | 5 | Practical (self-education) | oral examination (individual and frontal); written survey; test control |
| 7. | Topic 13. General nutrition problems. | 5 | Practical (self-education) | oral examination (individual and frontal); written survey; test control |
| 8. | Topic 14. Feeding children with neurological pathology. (ESPASHAN recommendations.) | 5 | Practical (self-education) | oral examination (individual and frontal); written survey; test control |
| 9. | Topic 15. Therapeutic nutrition in endocrine diseases. | 5 | Practical (self-education) | oral examination (individual and frontal); written survey; test control |

| | | | | |
|---|---|----|----------------------------|---|
| 10 | Topic 16. Nutrition of patients with malabsorption syndrome. | 5 | Practical (self-education) | oral examination (individual and frontal); written survey; test control |
| 11 | Topic 17. Nutrition of children with gastrointestinal diseases | 5 | Practical (self-education) | oral examination (individual and frontal); written survey; test control |
| 12 | Topic 18. Therapeutic nutrition for kidney and urinary tract diseases | 5 | Practical (self-education) | oral examination (individual and frontal); written survey; test control |
| Total hours of independent student work | | 60 | | |

3. EVALUATION CRITERIA

Policy of learning activities assessment

3.1. Evaluation of the success of education of students is carried out on the basis of the order of KhNMU from 21.08.2021 № 181 "Instructions for evaluating the educational activities of students of higher education at the Kharkiv National Medical University".

Link:

http://www.knmu.kharkov.ua/index.php?option=com_content&view=article&id=1226%3A2013-03-25-12-07-55&catid=4%3A2011-05-04-07-20-12&Itemid=19&lang=uk

Assessment of current learning activities (CLA). Teachers make sure that every student received the necessary competence in the province included in the topics of practical classes. Assimilation of the topic (current control) is controlled in a practical lesson according to the specific goals. The following tools are used to assess the level of preparation of students: tests, solving situational problems, interpretation and evaluation of laboratory tests, methods of prescribing therapy, monitoring the acquisition of practical skills.

When assessing the mastery of each topic of the discipline the student is graded according to the traditional 4-point system: "excellent", "good", "satisfactory" or "unsatisfactory".

Assessment of the discipline. The final lesson (FL) is conducted in accordance with the program of academic discipline during the semester on schedule, during classes. Assessment of the discipline is given to the student at the last (final) lesson. The final score for the current learning activity (CLA) and the final lesson (FL) is defined as the arithmetic mean of the traditional grades for each class and FL, rounded to 2 decimal places and listed in a multi-point scale according to the standard table 1 and «Instructions of assessment of current student's learning activities» or recalculation average grades of CLA into score according to the ECTC, which teacher can get automatically using electronic journal of Automated Control System (ACS). Student should get minimum - 120 points, maximum - 200 points during the current learning activities.

Student should get minimum - 120 points, maximum - 200 points during the current learning activities.

After graduating from the discipline the student receives a credit.

Assessment of students' independent work

Assimilation of topics that are submitted only for independent work is checked during the current learning activities of topic on conformable classes.

**Recalculation of the average grade for the current activity into a multi-point scale
(for disciplines completed by the credit)**

| 4-point scale | 200- point scale | 4-point scale | 200- point scale | 4-point scale | 200- point scale |
|---------------|------------------|---------------|------------------|----------------|--------------------|
| 1 | 2 | 1 | 2 | 1 | 2 |
| 5 | 200 | 4.3-4,31 | 172 | 3.6-3,61 | 144 |
| 4.97-4,99 | 199 | 4,27-4,29 | 171 | 3.57-3,59 | 143 |
| 4.95-4,96 | 198 | 4.24-4,26 | 170 | 3.55-3,56 | 142 |
| 4.92-4,94 | 197 | 4.22-4,23 | 169 | 3.52-3,54 | 141 |
| 4.9-4,91 | 196 | 4.19-4,21 | 168 | 3.5-3,51 | 140 |
| 4.87-4,89 | 195 | 4.17-4,18 | 167 | 3.47-3,49 | 139 |
| 4.85-4,86 | 194 | 4.14-4,16 | 166 | 3.45-3,46 | 138 |
| 4.82-4,84 | 193 | 4.12-4,13 | 165 | 3.42-3,44 | 137 |
| 4.8-4,81 | 192 | 4.09-4,11 | 164 | 3.4-3,41 | 136 |
| 4.77-4,79 | 191 | 4.07-4,08 | 163 | 3.37-3,39 | 135 |
| 4.75-4,76 | 190 | 4.04-4,06 | 162 | 3.35-3,36 | 134 |
| 4.72-4,74 | 189 | 4.02-4,03 | 161 | 3.32-3,34 | 133 |
| 4.7-4,71 | 188 | 3.99-4,01 | 160 | 3.3-3,31 | 132 |
| 4.67-4,69 | 187 | 3.97-3,98 | 159 | 3.27-3,29 | 131 |
| 4.65-4,66 | 186 | 3.94-3,96 | 158 | 3.25-3,26 | 130 |
| 4.62-4,64 | 185 | 3.92-3,93 | 157 | 3.22-3,24 | 129 |
| 4.6-4,61 | 184 | 3.89-3,91 | 156 | 3.2-3,21 | 128 |
| 4.57-4,59 | 183 | 3.87-3,88 | 155 | 3.17-3,19 | 127 |
| 1 | 2 | 1 | 2 | 1 | 2 |
| 4.54-4,56 | 182 | 3.84-3,86 | 154 | 3.15-3,16 | 126 |
| 4.52-4,53 | 181 | 3.82-3,83 | 153 | 3.12-3,14 | 125 |
| 4.5-4,51 | 180 | 3.79-3,81 | 152 | 3.1-3,11 | 124 |
| 4.47-4,49 | 179 | 3.77-3,78 | 151 | 3.07-3,09 | 123 |
| 4.45-4,46 | 178 | 3.74-3,76 | 150 | 3.05-3,06 | 122 |
| 4.42-4,44 | 177 | 3.72-3,73 | 149 | 3.02-3,04 | 121 |
| 4.4-4,41 | 176 | 3.7-3,71 | 148 | 3-3,01 | 120 |
| 4.37-4,39 | 175 | 3.67-3,69 | 147 | Менше 3 | Недостатньо |
| 4.35-4,36 | 174 | 3.65-3,66 | 146 | | |
| 4.32-4,34 | 173 | 3.62-3,64 | 145 | | |

3.2. Questions for credit and exam:

1. Anatomical and physiological features of digestion.
2. Principles of nutrition.
3. The main components of food and their role in shaping health.
4. Vitamins and vitamin-like substances. Minerals: micro - and microelements

5. The concept of "premature baby", morpho-functional features of premature babies. Feeding a underweight child after discharge home.
6. Feeding newborns and young children. Modern principles of supplementary feeding organization. Breastfeeding support.
7. Nutritional support for children with protein-energy deficiency. Assessment of the degree of nutritional deficiency in a child.
8. Defining the term palliative care for children. The main stages in the organization of palliative care for children with incurable diseases.
9. Define the term pain. Classification and causes of pain in children. Evaluation of pain in children. Types of pain rating scales.
10. Patient autonomy. The dignity of the patient. Spiritual support to the family of a child with an incurable disease. Psychological support to a child with an incurable disease. Psychological support to the family of a child with an incurable disease.
11. Definition of the term malabsorption syndrome. Causes of development. Modern methods of treatment.
12. Feeding children with neurological pathology.

3.3. Control questions:

1. Name and explain the main functions of the digestive system.
2. In what cases is there an insufficient protein food and what does it lead to?
3. What are minerals, micro- and macronutrients? Name their general functions.
4. What is the nutritional value, biological value, energy value and biological efficiency of a food product? Define the concept of "nutrition". What are the main ones
5. What are dietary requirements?
6. Describe the national food pyramid.
7. The child's need for proteins, fats, carbohydrates and calories during breastfeeding.
8. Classification and characteristics of modern milk formulas for artificial feeding.
9. Assess anthropometric parameters and gestational age of the child at birth. Calculate the amount of EC and provide the basic nutritional needs of the premature baby (energy, proteins, fats, carbohydrates).
10. Determine the degree of nutritional insufficiency using the indices of Brock, Pine, Z-score.
11. Assess the degree of nutritional deficiency in a child of the palliative group, calculate the need for enteral substrate.
12. Define the term palliative care for children.
13. List the main stages in the organization of palliative care for children with incurable diseases.
14. Identify life-threatening conditions that limit life.

15. Pain syndrome in children. Etiology, pathogenetic mechanisms of pain syndrome formation.
16. Clinical diagnosis of the scale of pain assessment in children.
17. Determination of the degree of pain, according to the scales.
18. Methods of pain relief. Degrees of anesthesia according to WHO recommendations.
19. Opioid analgesics. Withdrawal syndrome. Opioid overdose.
20. What methods do you know of verbal and nonverbal communication with a child with special needs.
21. Assess the needs and rehabilitation potential of the child.
22. Functional responsibilities of an occupational therapist (occupational therapist).
23. What is the main purpose of the Charter of the Rights of the Dying Child?
24. What are the parts of the Charter of the Rights of a Dying Child?
25. What are the basic terms used in the Charter of the Rights of a Dying Child?
26. Name the first five rights of a dying child under the Charter.
27. Name the basic principles of palliative care for children who are dying.
28. What is a hospice and its importance for children with incurable diseases.
29. Explain the concept of game therapy.
30. Name the tasks of game therapy.
31. Name the tasks of music therapy.
32. Definition of the term malabsorption syndrome.
33. Classification of diseases with malabsorption syndrome in children.
34. List the factors of malabsorption syndrome in children.
35. Differential diagnosis of diseases with malabsorption syndrome in children.
36. Tactics of management of sick children with lactase, disaccharide deficiency and galactosemia.
37. Criteria for diagnosis and clinical manifestations of celiac disease.
38. Basic principles of treatment of celiac disease.
39. Criteria for diagnosis and clinical manifestations of cystic fibrosis.

40. Basic principles of treatment of cystic fibrosis.

41. Child development at an early age. Tools for assessing the development of a healthy young child.

42. Indications for referral of children to rehabilitation centers.

3.4. Individual tasks

Assessment of individual student tasks is carried out by the teacher:

- 10 points - publication of the article in publications included in scientometric databases
- 9 points - presentation at international scientific student conferences or other forums outside Ukraine with the publication of work in conference materials
- 8 points - participation in international scientific student conferences with the publication of work in the conference materials,
- 7 points - participation in intra-university and inter-university olympiads and student scientific conferences with the publication of the work (with a prize)
- 6 points - participation in intra-university and inter-university competitions and student scientific conferences with the publication of the work (without receiving a prize)
- 5 points - writing an essay on the topic or a description of a clinical case (case study), creating a video or other digital versions of visual material.

Scores for individual student tasks (a total of not more than 10 points) can be added as an incentive additional points to the final score for current learning activities, calculated using

3.5. Rules for appealing the assessment

The procedure for appealing is carried out in accordance with the order № 150 of 24.06.2021 on approval of the new version of the "Regulations on the procedure for deduction, renewal and transfer of persons", and approved by the order of KhNMU from 30.09.2020 №252 "Regulations on appeal Education of Kharkiv National Medical University".

Link:

http://www.knmu.kharkov.ua/index.php?option=com_content&view=article&id=1226%3A2013-03-25-12-07-55&catid=4%3A2011-05-04-07-20-12&Itemid=19&lang=uk

4. THE POLITICS AND VALUES OF DISCIPLINE.

In order to successfully complete the relevant course, it is necessary to attend practical classes regularly; to have theoretical preparation for practical classes; not to be late and not to miss classes; perform all necessary tasks and work actively during each lesson; be able to work in a group; contact the curators of the course on various issues on the subject of classes and receive it when you need it.

Students can discuss different tasks, but their performance is strictly individual. You are not allowed to write off, use any kind of software, tips, use a mobile phone, tablet or other electronic gadgets during classes for purposes other than the learning process. Students are not allowed to be late for practical classes.

Visiting patients during the curation in the hospital is possible, provided that students have the appropriate uniform, a health book with a note about the timely medical examination.

Students with special needs can meet with the teacher or warn him before the start of classes, it can be done by the head of the group on the students request. If you have any questions, please contact the teacher.

Students' participation in research and conferences on this topic is encouraged. All students of KhNMU are protected by the Regulations on prevention and settlement of Cases Related to Sexual Harassment and Discrimination at Kharkiv National Medical University, designed to determine an effective mechanism for resolving conflict situations related to discrimination and sexual harassment. on the basis of the following regulations of Ukraine: Constitution of Ukraine; Law of Ukraine "On Education"; Law of Ukraine "On Higher Education"; Law of Ukraine "On Principles of Prevention and Counteraction of Discrimination in Ukraine"; Law of Ukraine "On Ensuring Equal Rights and Opportunities for Women and Men"; Convention for the Protection of Human Rights and Fundamental Freedoms; Convention for the Suppression of Discrimination in Education; Convention on the Elimination of All Forms of Discrimination against Women; General Recommendation № 25 to Article 4, paragraph 1, of the Convention on the Elimination of All Forms of Discrimination against Women, General Comment № 16 (2005) "Equal rights for men and women to use economic, social and cultural rights" (Article 3 of the International Covenant on Economic, Social and Cultural Rights; Committee on Economic, Social and Cultural Rights of the United Nations); education in the spirit of respect for human rights and fundamental freedoms (UNESCO), the Concept of the State Social Program for Equal Rights and Opportunities for Women and Men until 2021. Kharkiv National Medical University ensures education and work, that is free from discrimination, sexual harassment, intimidation or exploitation. The University admits the importance of confidentiality. All persons, responsible for the implementation of this policy, (staff of deans' offices, faculties, institutes and the Center of Gender Education, members of the student government and ethics committee, vice-rector for research and teaching) are confidential, regarding those, who report or accuse of discrimination. or sexual harassment (except where the law requires disclosure and / or when disclosure by the University is necessary to protect the safety of others).

KhNMU creates a space of equal opportunities, free from discrimination of any national, racial or ethnic origin, sex, age, disability, religion, sexual orientation, gender, or marital status. All rights, privileges, programs and activities, granted to students or staff of the University, apply to anybody, without exception, in case they are properly qualified. The anti-discrimination policy and the policy of counteracting sexual harassment of KhNMU are confirmed by the Codex of Corporate Ethics and the Charter of KhNMU.

The rules of behavior in University and on classes

It is important for students to follow the rules of good behavior at the university. These rules are common to all, they also apply to all teachers and staff and are not fundamentally different from the generally accepted norms.

During classes it is allowed:

- leave the audience for a short time if necessary and with the permission of the teacher;
- drink soft drinks;
- take photos of presentation slides;
- take an active part in the class

Forbidden:

- eat (except for persons whose special medical condition requires another - in this case, medical confirmation is required);
- smoking, drinking alcohol and even low-alcohol beverages or drugs;
- use obscene language or use words that offend the honor and dignity of colleagues and faculty;

- - gambling;
- to damage the material and technical base of the university (damage inventory, equipment; furniture, walls, floors, litter the premises and territories);
- shouting, shouting or listening to loud music in classrooms and even in corridors during classes.

5. ACADEMIC INTEGRITY

The Department of Pediatrics №1 and Neonatology has zero tolerance to any form of the plagiarism. Students are expected to constantly raise their awareness on the academic writing. The first lessons will provide information on what to consider plagiarism and how to properly conduct research and scientific research.

Follow the link for more information at: Regulations on academic integrity and ethics of academic relations at Kharkiv National Medical University

http://files.knmu.edu.ua:8181/upload/redakt/doc_uchproc/polog_ad_etyka_text.pdf
http://www.knmu.kharkov.ua/index.php?option=com_content&view=article&id=2520%3A2015-04-30-08-10-46&catid=20%3A2011-05-17-09-30-17&Itemid=40&lang=uk

http://files.knmu.edu.ua:8181/upload/redakt/doc_uchproc/kodex_AD.docx

6. RECOMMENDED LITERATURE

1. NelsonTextbook of Pediatrics 21th Edition. Robert M. Kliegman, JosephSt. Geme. Publisher: Elsevier. 2019. P. 4112.
2. Baby-led compared with scheduled (ormixed) breast feeding for successful breast feeding/Fallon A, VanderPutten D, Dring C, Moylett EH, Fealy G, Devane D./CochraneDatabaseSystRev. 2016;(9):CD009067. doi:10.1002/14651858.CD009067.pub3
3. Practical Approach to Paediatric Enteral Nutrition: A Comment by the ESPGHAN Committee on Nutrition/C. Braegger, T. Decsi, J. A. Dias, [etal.]/JPGN.-2010. -Vol. 51.-P. 110–122. doi:10.1097/MPG.0b013e3181d336d2
4. WHO child growth standards and the identification of severe acute malnutrition in infants and children.-WorldHealthOrganization, UnitedNationsChildren’sFund, 2019.-11p.Access: www.who.int/childgrowth/standards/en/
5. ESPGHAN Guidelines for the Evaluation and Treatment of Gastrointestinal and Nutritional Complications in Children With Neurological Impairment/ C. Romano, M.vanWynckel, J. Hulst, [etal.]/JPGN. -2017. — № 65. –P. 242–264. doi: 10.1097/MPG.0000000000001646

7. INFORMATION RESOURCES

Internet resources: <http://www.medscape.com>, <http://www.orpha.net>, <https://www.aace.com/>, <http://www.endocrinology.org>, <http://www.cochranelibrary.com/>

8. OTHER

Useful links:

Provisions on prevention, prevention and settlement of cases related to sexual harassment and discrimination in KhNMU http://files.knmu.edu.ua:8181/upload/redakt/doc_uchproc/polog-sex.doc

Regulations on Academic Integrity and Ethics of Academic Relations at Kharkiv National Medical University http://files.knmu.edu.ua:8181/upload/redakt/doc_uchproc/polog_ad_etyka_text.pdf

The order of conducting classes on in-depth study by students of Kharkiv National Medical University of certain disciplines beyond the scope of the curriculum
http://files.knmu.edu.ua:8181/upload/redakt/doc_uchproc/nak-poriad-pogl-vyv-dyvc.docx

Regulations on the Commission on Academic Integrity, Ethics and Conflict Management of KhNMU

http://files.knmu.edu.ua:8181/upload/redakt/doc_uchproc/polog_komis_ad_text.pdf

Regulations on the recognition of the results of non-formal education at Kharkiv National Medical University

http://files.knmu.edu.ua:8181/upload/redakt/doc_uchproc/polog_neform_osv.pdf

INCLUSIVE EDUCATION:

http://www.knmu.kharkov.ua/index.php?option=com_content&view=article&id=7108%3A2021-03-10-14-08-02&catid=12%3A2011-05-10-07-16-32&Itemid=33&lang=uk

ACADEMIC INTEGRITY:

http://www.knmu.kharkov.ua/index.php?option=com_content&view=article&id=2520%3A2015-04-30-08-10-46&catid=20%3A2011-05-17-09-30-17&Itemid=40&lang=uk

http://files.knmu.edu.ua:8181/upload/redakt/doc_uchproc/kodex_AD.docx