

**MINISTRY OF HEALTH CARE OF UKRAINE**

**ODESA NATIONAL MEDICAL UNIVERSITY**

Department of physical rehabilitation, sports medicine and physical training

**APPROVED**

Vice-rector for scientific and pedagogical work

Eduard BURIACHKIVSKIY

September 01, 2024



**WORKING PROGRAM OF DISCIPLINE  
«SPORTS MEDICINE»**

**Level of higher education:** second (master's)

**Field of knowledge:** 22 "Health"

**Specialty:** 222 «Medicine»

**Educational and professional program:** Medicine


Work program based on the educational and professional program of the second level of higher education for the preparation of masters in specialty 222 «Medicine» of 22 «Health» area of knowledge, improved by scientific council of ONMedU (Protocol № 10 of June 27, 2024)

DEVELOPERS:

Head of the Department MD, Professor Iushkovska O.G.,  
Professor Plakida O.L.

The work program was approved at the meeting of the Department of physical rehabilitation, sports medicine, physical education and valeology  
Protocol № 1 dated 08/26/2024.

Head of the department

  
\_\_\_\_\_ Olga IUSHKOVSKA

Approved by the guarantor of  
the educational and professional program

  
\_\_\_\_\_ Valeria MARICHEREDA

Approved by the subject cycle methodical commission for therapeutic disciplines of ONMEDU  
Protocol № 1 dated of August 30, 2024

Head of the subject cycle methodical commission on therapeutic disciplines of ONMEDU

  
\_\_\_\_\_ Olena VOLOSHYNA

Reviewed and approved at the meeting of the department \_\_\_\_\_

Protocol №. \_\_\_ dated \_\_\_\_\_ . \_\_\_ 20 \_\_\_\_\_

Head of the department \_\_\_\_\_ Olga IUSHKOVSKA

Reviewed and approved at the meeting of the department \_\_\_\_\_

Protocol №. \_\_\_ dated \_\_\_\_\_ . \_\_\_ 20 \_\_\_\_\_

Head of the department \_\_\_\_\_ Olga IUSHKOVSKA

## 1. Description of the discipline

Name of indicators	Area of knowledge, Specialty, Level of higher education	Characteristics of the discipline
Total number of: Credits – 3,0 Hours – 90 Content module – 3	22 «Health»	<i>Full-time education, daily</i>
	222 «Medicine»	<i>Selective</i>
	Second (master's) level of higher education	<i>Year of preparation: 4</i>
		<b>Semester VII- VIII</b>
		<i>Lectures (0 hours)</i>
		<i>Seminar (30 hours)</i>
		<i>Laboratory work (0 hours)</i>
		<i>Independent work (60 hours)</i> <i>Including individual task (0 hours)</i>
	<i>Form of final control - Credit</i>	

## 2. The purpose and tasks of the educational discipline, competences, program learning outcomes.

**Purpose:** Acquisition by applicant for higher education of knowledge and formation of elements of professional competences in the field of sports medicine and improvement of skills and competences acquired during the study of previous disciplines.

**Task:**

1. Familiarize yourself with the definition of terms from the discipline "Sports Medicine";
2. Understand the purpose, tasks and main directions (aspects) of rehabilitation;
3. Know the methodical principles of physical therapy;
4. Form an idea about physical rehabilitation in sports medicine; know its purpose and main tasks;
5. Be able to apply medical (medical) control during health and sports training;
6. To master the methodology of complex medical examination of persons engaged in physical exercises;
7. To acquire knowledge on the analysis of the medical opinion based on the results of the examination, to solve the issue of admission to sports and physical culture, to carry out the distribution into medical groups;
8. Provide recommendations regarding the choice of the most optimal type of exercise, recreational and health-improving and training movement regimes depending on the physical condition;
9. To know the connection between an emergency and emergency medical care - to know the mechanism of the positive effect of physical exercises in diseases of body systems;
10. To provide recommendations on medical and biological and other means of prevention of over fatigue and restoration of physical capacity during health training and in modern sports;
11. Form modes of motor activity

The process of studying the discipline is aimed at forming elements of the following competencies:

**General Competencies (GC)**

- GC1. Ability to abstract thinking, analysis and synthesis.
- GC 2. The ability to learn and master modern knowledge.
- GC 3. Ability to apply knowledge in practical situations.
- GC 4. Knowledge and understanding of the subject area and understanding of professional activity.
- GC 6. Ability to make informed decisions.

- GC 7. Ability to work in a team.
- GC 8. Ability to interpersonal interaction.
- GC 10. Ability to use information and communication technologies.
- GC 11. Ability to search, process and analyze information from various sources.
- GC 13. **Awareness of equal opportunities and gender issues.**

**Special Competencies (SC):**

- SC1. Ability to collect medical information about the patient and analyze clinical data
- SC2. Ability to determine the necessary list of laboratory and instrumental studies and evaluate their results
- SC6. Ability to determine the principles and nature of treatment and prevention of diseases
- SC24 – Compliance with ethical principles when working with patients and laboratory animals.
- SC26 – The ability to determine the management tactics of persons subject to dispensary supervision.
- SC28. Ability to apply fundamental biomedical knowledge at a level sufficient to perform professional tasks in the field of health care

**Program learning outcomes (PLO):**

PLO 1 - Have thorough knowledge of the structure of professional activity. To be able to carry out professional activities that require updating and integration of knowledge. To be responsible for professional development, the ability for further professional training with a high level of autonomy.

PLO 2 - Understanding and knowledge of fundamental and clinical biomedical sciences, at a level sufficient for solving professional tasks in the field of health care.

PLO 3 - Specialized conceptual knowledge, which includes scientific achievements in the field of health care and is the basis for conducting research, critical understanding of problems in the field of medicine and related interdisciplinary problems.

PLO 4. Identify and identify leading clinical symptoms and syndromes (according to list 1); according to standard methods, using preliminary data of the patient's history, data of the patient's examination, knowledge about the person, his organs and systems, establish a preliminary clinical diagnosis of the disease (according to list 2).

PLO 5. Collect complaints, history of life and diseases, evaluate psychomotor and physical development of the patient, state of organs and systems of the body, based on the results of laboratory and instrumental studies, evaluate information regarding the diagnosis (according to list 4), taking into account the age of the patient.

PLO 9. Determine the nature and principles of treatment (conservative, operative) of patients with diseases (according to list 2), taking into account the age of the patient, in the conditions of the health care institution, outside its borders and at the stages of medical evacuation, including in field conditions, on the basis of a preliminary clinical diagnosis, observing the relevant ethical and legal norms, by making a reasoned decision according to existing algorithms and standard schemes, in case of the need to expand the standard scheme, be able to justify personalized recommendations under the control of the head physician in the conditions of a medical institution.

PLO 17. Perform medical manipulations (according to list 5) in the conditions of a medical institution, at home or at work based on a previous clinical diagnosis and/or indicators of the patient's condition by making a reasoned decision, observing the relevant ethical and legal norms.

PLO 21. Search for the necessary information in the professional literature and databases of other sources, analyze, evaluate and apply this information.

PLO 22. Apply modern digital technologies, specialized software, and statistical data analysis methods to solve complex healthcare problems.

**As a result of the study of physical rehabilitation education seeker must:**

**Know:**

- Organization and procedure of medical examinations of persons engaged in physical culture and sports;

- Pathological conditions that precede pathological ones and occur during irrational physical education and sports;

- Modern methods of research, diagnosis and treatment used in sports medicine.

**Be able:**

- determine physical development, state of health, functional state and physical capacity and, based on this, recommend rational means and methods of physical exercises;

- to promote the correct conduct of physical exercise classes with persons of different ages, health conditions and physical fitness;

- identify early signs of diseases and injuries that occur during irrational exercise;

- determine the most rational sanitary and hygienic conditions for physical exercises;

- to provide assistance for acute pathological conditions that occur with inadequate physical exertion;

- to carry out sanitary and educational work among physical athletes, athletes and the population;

- conduct medical and pedagogical observations during exercise classes in order to assess hygienic conditions, places where classes are held, assess the adequacy of the physical loads applied during classes, the functional state of the participants, the correctness of the construction and distribution of the load in the class, the density of classes, etc.

## 2. Content of the academic discipline

### Content module 1

#### Modern ideas about sports medicine

**Topic 1.** Basic concepts of sports medicine. Modern methods of examination of physical athletes and sportsmen.

**Topic 2.** Basics of medical rehabilitation. Concept of medical control. Definition of medical rehabilitation. Means, types of medical rehabilitation. Aspects, tasks, stages of medical rehabilitation. Methods of assessing the level of physical development. Peculiarities of physical development of athletes by sports.

### Content module 2

#### Assessment of body systems

**Topic 3.** Changes in the body during exercise. Admission to physical education and sports, choice of individual movement mode. Quantitative assessment of the level of physical health. Express - assessment of a person's physical condition. Determination and assessment of general physical capacity. Pre-pathological conditions and diseases that occur during irrational physical education and sports.

**Topic 4.** Medical and pedagogical control in the process of physical exercises. Means of recovery and stimulation during health and sports training. Pharmacological drugs in sports. Herbal preparations in sports.

### Content module 3

#### Research of functional systems of the body and rehabilitation in case of diseases

**Topic 5.** General characteristics of sportsmen's illness. Study of the respiratory system. Diseases and damage to organs of the cardiovascular system and the respiratory system during sports. Physical rehabilitation for diseases of the respiratory, cardiovascular and nervous systems. Characteristics of sports injuries. Brain and spinal cord injuries. Fractures, bruises, sprains. Physical rehabilitation in the internal medicine clinic.

**Topic 6.** Basics of rational nutrition for athletes. Evaluation of the nutritional status of athletes depending on the types of sports. Basics of adaptive nutrition for athletes.

**Topic 7.** The concept of doping. Doping - control.

## 4. Structured curriculum in the discipline

Titles of topics	Number of hours					
	Including	everything				
		lectures	seminars	practical	laboratory	IWS

<b>Content module 1</b>						
<b>Modern ideas about sports medicine</b>						
<b>Topic 1.</b> Basic concepts of sports medicine. Modern methods of examination of physical athletes and sportsmen.	6	0	2	0	0	4
<b>Topic 2.</b> Basics of medical rehabilitation. Concept of medical control. Definition of medical rehabilitation. Means, types of medical rehabilitation. Aspects, tasks, stages of medical rehabilitation. Methods of assessing the level of physical development. Peculiarities of physical development of athletes by sports.	12	0	4	0	0	8
<b>Together for a meaningful module 1</b>	<b>18</b>	<b>0</b>	<b>6</b>	<b>0</b>	<b>0</b>	<b>12</b>
<b>Content module 2</b>						
<b>Assessment of body systems</b>						
<b>Topic 3.</b> Changes in the body during exercise. Admission to physical education and sports, choice of individual movement mode. Quantitative assessment of the level of physical health. Express - assessment of a person's physical condition. Determination and assessment of general physical capacity. Pre-pathological conditions and diseases that occur during irrational physical education and sports.	18	0	6	0	0	12
<b>Topic 4.</b> Medical and pedagogical control in the process of physical exercises. Means of recovery and stimulation during health and sports training. Pharmacological drugs in sports. Herbal preparations in sports.	12	0	4	0	0	8
<b>Together for a meaningful module 2</b>	<b>30</b>	<b>0</b>	<b>10</b>	<b>0</b>	<b>0</b>	<b>20</b>
<b>Content module 3</b>						
<b>Research of functional systems of the body and rehabilitation in case of diseases</b>						
<b>Topic 5.</b> General	24	0	8	0	0	16

characteristics of sportsmen's illness. Study of the respiratory system. Diseases and damage to organs of the cardiovascular system and the respiratory system during sports. Physical rehabilitation for diseases of the respiratory, cardiovascular and nervous systems. Characteristics of sports injuries. Brain and spinal cord injuries. Fractures, bruises, sprains. Physical rehabilitation in the internal medicine clinic.						
<b>Topic 6.</b> Basics of rational nutrition for athletes. Evaluation of the nutritional status of athletes depending on the types of sports. Basics of adaptive nutrition for athletes.	12	0	4	0	0	8
<b>Topic 7.</b> The concept of doping. Doping - control.	6	0	2	0	0	4
<b><i>Together for a meaningful module 3</i></b>	<b>42</b>	<b>0</b>	<b>14</b>	<b>0</b>	<b>0</b>	<b>28</b>
<i>Individual tasks</i>	0	0	0	0	0	0
<b>Only hours</b>	<b>90</b>	<b>0</b>	<b>30</b>	<b>0</b>	<b>0</b>	<b>60</b>

## 5. Topics of lectures / seminars / practical / laboratory classes

### 5.1. Topics of lectures

Lectures are not provided.

### 5.2. Topics of seminar classes

No.	Name of the topic	Number of hours
1.	Topic 1. Seminar class 1. Basic concepts of sports medicine. Modern methods of examination of physical athletes and sportsmen.	2
2.	Topic 2. Seminar class 2. Basics of medical rehabilitation. Concept of medical control. Definition of medical rehabilitation. Means, types of medical rehabilitation. Aspects, tasks, stages of medical rehabilitation.	2
3.	Topic 2. Seminar class 3. Basics of medical rehabilitation. Methods of assessing the level of physical development. Peculiarities of physical development of athletes by sports.	2
4.	Topic 3. Seminar class 4. Changes in the body during exercise. Admission to physical education and sports, choice of individual movement mode. Quantitative assessment of the level of physical health.	2
5.	Topic 3. Seminar class 5. Changes in the body during exercise. Express - assessment of a person's physical condition. Determination and assessment of general physical capacity.	2
6.	Topic 3. Seminar class 6. Changes in the body during exercise. Pre-	2

	pathological conditions and diseases that occur during irrational physical education and sports.	
7.	Topic 4. Seminar class 7. Medical and pedagogical control in the process of physical exercises. Means of recovery and stimulation during health and sports training.	2
8.	Topic 4. Seminar class 8. Medical and pedagogical control in the process of physical exercises. Express - assessment of a person's physical condition. Determination and assessment of general physical capacity.	2
9.	Topic 5. Seminar class 9. General characteristics of athletes' morbidity. Study of the respiratory system. Diseases and damage to organs of the cardiovascular system and the respiratory system during sports. Physical rehabilitation for diseases of the respiratory, cardiovascular and nervous systems.	2
10.	Topic 5. Seminar class 10. General characteristics of athletes' morbidity.. Characteristics of sports injuries.	2
11.	Topic 5. Seminar class 11. General characteristics of athletes' morbidity. Brain and spinal cord injuries.	2
12.	Topic 5. Seminar class 12. General characteristics of athletes' morbidity. Fractures, bruises, sprains. Physical rehabilitation in the internal medicine clinic.	2
13.	Topic 6. Seminar class 13. Basics of rational nutrition for athletes. Evaluation of the nutritional status of athletes depending on the types of sports.	2
14.	Topic 6. Seminar class 14. Basics of nutrition for athletes. Basics of adaptive nutrition for athletes.	2
15.	Topic 7. Seminar class 15. Concept of doping. Doping - control.	2
	<b>Total</b>	<b>30</b>

### 5.3. Topics of practical classes

Practical classes are not provided.

### 5.4. Topics of laboratory classes

Laboratory classes are not provided.

## 6. Independent work of a student of higher education

No.	Title of topic/types of tasks	Number of hours
1.	Topic 1. Preparation for practical classes 1	4
2.	Topic 2. Preparation for practical classes 2 - 3	8
3.	Topic 3. Preparation for practical classes 4 - 6	12
4.	Topic 4. Preparation for practical classes 7 - 8	8
5.	Topic 5. Preparation for practical classes 9 - 12	16
6.	Topic 6. Preparation for practical classes 13 - 14	8
7.	Topic 7. Preparation for practical classes 15	4
	Total	<b>60</b>

## 7. Teaching methods



**Seminar classes:**

- Practical methods: measurements, test tasks, solving situational tasks (including calculations), demonstration.
- Verbal methods: conversation, explanation, narration, instruction, discussion, discussion of problem situations;
- Visual methods: illustration (including multimedia presentations);

**Independent work:**

- independent work with methodological developments, diagrams, tables, recommended basic and additional literature, information resources of the department, preparation for classroom classes;
- independent performance of an additional (bonus) research task of the applicant, preparation of a scientific report at a meeting of a scientific circle, conference, preparation and publication of abstracts of the applicant's scientific work, participation in an interuniversity olympiad, competition of scientific works.

**8. Forms of control and methods of assessment**

Current control: oral questioning, testing, assessment of practical skills, assessment of communication skills during role-playing, solving situational clinical problems, assessment of activity in the classroom.

Final control: credit.

Assessment of current learning activities in the seminar:

1. Assessment of theoretical knowledge on the topic of the lesson:

- Methods: survey, solving a situational problem
- Maximum grade - 5,
- Minimum grade - 3,
- Unsatisfactory grade - 2.

2. Assessment of practical skills and manipulations on the topic of the lesson:

- Methods: assessment of the correctness of practical skills
- Maximum grade - 5,
- Minimum grade - 3,
- Unsatisfactory grade - 2.

The grade for one practical lesson is the arithmetic mean of all components and can only have an integer value (5, 4, 3, 2), which is rounded by the statistical method.

**Criteria for ongoing evaluation in the seminar class**

<b>Assessment</b>	<b>Criteria for the assessment</b>
«5»	The applicant worked systematically during the semester, showed versatile and deep knowledge of the program material, is able to successfully perform the tasks assigned by the program, has mastered the content of basic and additional literature, has realized the relationship of individual sections of the discipline, their importance for the future profession, has revealed creative abilities in the use of educational and program material, showed the ability to independent updating and replenishment of knowledge.
«4»	The applicant revealed full knowledge of the curriculum material, successfully performed the tasks provided by the program, absorbed the basic literature recommended by the program, showed a sufficient level of knowledge in the discipline and is able to independently update and update them during further training and professional activities.
«3»	The applicant has identified knowledge of the basic curriculum material to the extent necessary for further training and subsequent work in the profession, copes with the tasks provided by the program, made some mistakes in the answers and in the performance of test tasks, but has the necessary knowledge to overcome the mistakes made under the guidance of a scientific and pedagogical worker.
«2»	The applicant did not identify sufficient knowledge of the basic curriculum material,

	made fundamental errors in the performance of the tasks provided by the program, cannot use the knowledge without the help of the teacher in further training, could not master the skills of independent work.
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### **Assessment of independent work of applicants:**

Students' independent work is assessed during the current control of the topic in the relevant class. Mastery of topics that are submitted only for independent work is checked during classroom classes.

Credit is given to an applicant who has completed all the tasks of the work program of the discipline, actively participated in seminars, completed and defended an individual assignment and has a current average grade of at least 3.0 and has no academic debt.

The test is given: at the last class before the examination session - in the case of the tape system of education, at the last class - in the case of the cycle system of education. The grade for the test is the arithmetic mean of all components on a traditional four-point scale and has a value that is rounded according to the statistical method with two decimal places.

### **9. Distribution of grades received by undergraduate applicants**

The obtained grade point average for the discipline for students who have successfully completed the work program of the discipline is converted from the traditional four-point scale to points on a 200-point scale, as shown in the table:

**Table of conversion of traditional assessment into multi-point**

Traditional four-point scale	Multipoint 200-point scale
Excellent («5»)	185 – 200
Good («4»)	151 – 184
Satisfactory («3»)	120 – 150
Unsatisfactory («2»)	Below 120

The multi-point scale (200-point scale) characterizes the actual performance of each student in mastering the educational component. The conversion of the traditional grade (grade point average) into a 200-point scale is performed by the University's Information Technology Department.

According to the points received on a 200-point scale, the achievements of applicants are evaluated according to the ECTS rating scale. Further ranking according to the ECTS rating scale allows evaluating the achievements of applicants in the educational component who study in the same course of one specialty, according to the points they received.

The ECTS scale is a relative and comparative rating scale that establishes the applicant's belonging to the group of the best or worst among the reference group of fellow students (faculty, specialty). Grade A on the ECTS scale cannot be equal to grade A, and grade B cannot be equal to grade B, etc. When converting from a multi-point scale, the limits of grades "A", "B", "C", "D", "E" on the ECTS scale do not coincide with the limits of grades "5", "4", "3" on the traditional scale. Applicants who have received grades "FX" and "F" ("2") are not included in the list of ranked applicants. The grade "FX" is assigned to applicants who have scored the minimum number of points for current academic activities, but who have not been credited with the final control. The grade "F" is assigned to applicants who have attended all classes in the discipline, but have not gained an average score (3.00) for current academic activities and are not allowed to take the final control.

Applicants enrolled in the same course (one specialty), based on the number of points gained in the discipline, and are ranked on the ECTS scale as follows:

### **Conversion of the traditional discipline grade and the sum of the ECTS scale scores**

Assessment on the ECTS scale	Statistical indicator
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<b>A</b>	The best 10% of the student
<b>B</b>	The next 25% of the student
<b>C</b>	The next 30% of the student
<b>D</b>	The next 25% of the student
<b>E</b>	The next 10% of the student

## 10. Methodical support

- Working program of the academic discipline
  - Syllabus
  - Methodical developments for practical classes
  - Methodical recommendations for independent work of higher education applicants
  - Tests for theoretical and thematic assessment of passed topics by applicants.
- Educational and methodical literature

## 11. Questions for preparing for the final inspection

1. Modern methods of physical education and sportsmen examination.
2. Main tasks and content of sports medicine.
3. Methodology of comprehensive medical examination.
4. Concept of drug control.
5. Sports and physical rehabilitation in the clinic of internal diseases, for diseases and injuries of body systems.
6. Definition of medical rehabilitation.
7. Means, types of medical rehabilitation.
8. Aspects, tasks, stages of medical rehabilitation.
9. Admission to physical education and sports, choice of individual movement mode.
10. Quantitative assessment of the level of physical health.
11. Express - assessment of a person's physical condition.
12. Research and assessment of physical development, physical capacity of a person and functional abilities of the body with the help of functional tests.
13. Means of recovery and stimulation during health and sports training.
14. Study and assessment of the functional state of the central nervous system of athletes.
15. Medical equipment.
16. Medicinal aids.
17. Study of the respiratory system.
18. Physical rehabilitation for diseases of the respiratory system and the cardiovascular system.
19. Brain and spinal cord injuries.
20. Physical rehabilitation for diseases and injuries of the spinal cord and brain.
21. Physical rehabilitation for limb injuries.
22. Physical rehabilitation for diseases and injuries of the musculoskeletal system.
23. Evaluation of the nutritional status of athletes depending on the types of sports.
24. Basics of adaptive nutrition for athletes.
25. Doping control.
26. Types of doping.

## 12. Recommended literature

### Main:

1. European Physical and Rehabilitation Medicine Bodies Alliance. White Book on Physical and Rehabilitation Medicine in Europe. Eur J Phys Rehabil Med 2018. - Vol.54(2). – P.125-321
2. Gutenbrunner C., Tederko P., Grabljevec K., Nugraha B., Responding to the World Health Organization Global Disability Action Plan in Ukraine: developing a National Disability, Health and Rehabilitation Plan J Rehabil Med. – 2018 (50). – P.338–341

3. World Health Organization. Rehabilitation 2030: a call for action: Meeting report [Internet]. WHO; 2017. Available from: <http://www.who.int/disabilities/care/rehab-2030/en/>

4. WHO WHO global disability action plan 2014-2021 [Internet]. WHO. [cited 2014 Oct 21]. Available from: <http://www.who.int/disabilities/actionplan/en/>

**Additional:**

1. R.L. Braddom. Physical Medicine and Rehabilitation / R.L. Braddom. – England: Elsevier Science, 2011. – 1536 c.

2. WHO World Report on Disability [Internet]. WHO. [cited 2014 Nov 8]. Available from: [http://www.who.int/disabilities/world\\_report/2011/en/](http://www.who.int/disabilities/world_report/2011/en/)

3. European Union of Medical Specialists (UEMS) Section of Physical & Rehabilitation Medicine: A position paper on physical and rehabilitation medicine in acute settings. / Ward A., Gutenbrunner C., Damjan H., Giustini A., Delarque A. // J Rehabil Med. – 2010 (42): P.417–424.

4. DeLisa's. Physical Medicine and Rehabilitation / DeLisa's. – Lippincott Williams & Wilkins; Fifth, North Am, 2010. – 2432 c.

### 13. Information resources

1. - <http://www.moz.gov.ua> – Official site of the Ministry of Health of Ukraine.
2. - <http://www.president.gov.ua/documents/6782015-19605> - Decree of the President of Ukraine "On intensification of work to ensure the rights of people with disabilities"
3. - <https://www.kmu.gov.ua/ua/npas/pro-zatverdzhennya-planu-zahodiv-iz-vprovadzhennya-v-ukrayini-mizhnarodnoyi-klasifikaciyi-funkcionuvannya-obmezhen-zhittiyediyalnosti-ta-zdorovya-ta-mizhnarodnoyi-klasifikaciyi-funkcionuvannya-obmezhen-zhittiyediyalnosti-ta-zdorovya-ditej-i-pidlitkiv>
4. - Order of the Cabinet of Ministers of Ukraine dated 27.12.2017 №1008-r "On approval of the action plan for the implementation in Ukraine of the International Classification of Functioning, Restrictions on Life and Health and the International Classification of Functioning, Restrictions on Life and Health of Children and Adolescents"
5. - <http://zakon5.rada.gov.ua/laws/show/2801-12> - Law of Ukraine "Fundamentals of the legislation of Ukraine on health care"
6. - <http://zakon3.rada.gov.ua/laws/show/2961-15> - Law of Ukraine "On Rehabilitation of Persons with Disabilities in Ukraine"
7. - <http://zakon2.rada.gov.ua/laws/show/3808-12> - Law of Ukraine "On Physical Culture and Sports".
8. <http://info.odmu.edu.ua/chair/sports/training/216/en/files/>