

DANYLO HALYTSKY LVIV NATIONAL MEDICAL UNIVERSITY

Department: Propaedeutics of Internal Medicine

APPROVED

First Vice-Rector on
Scientific and Pedagogical Work
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2023 y.

DISCIPLINE PROGRAM

WB 2.4. "Nursing practice in conditions of therapeutic department"

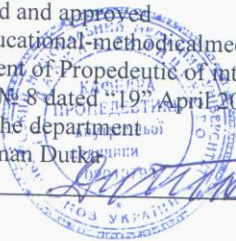
Second (master's) level of higher education

Field of knowledge 22 "Healthcare"

Specialty 222 "Medicine"

Faculty, year: Medical, 3rd year

Discussed and approved
at the educational-methodical meeting of the
Department of Propedeutic of internal medicine
Minutes № 8 dated "19" April 2023
Head of the department
Prof. Roman Dutka



Roman Dutka

Approved by the
Profiled Methodical Board on Therapeutic
Disciplines
Minutes № 3 dated "4" May 2023 y.
Head of the Board
Prof. O. M. Radchenko

O. M. Radchenko

Lviv – 2023

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The discipline program “**Nursing practice in conditions of therapeutic department**” was developed and imported at the Department of Propaedeutics of Internal Medicine of DANYLO HALYTSKY LVIV NATIONAL MEDICAL UNIVERSITY for 3rd year students of Medical faculty by the Specialty 222 "Medicine".

**Changes and additions to the Working Program of the academic discipline
"Nursing practice in conditions of therapeutic department" for 2023-2024**

| № | Content changes (additions) | Date and No. of the protocol of the department meeting | Notes |
|----|---|--|---|
| 1. | No changes and additions to the Working Program of the academic discipline "Propaedeutics to internal medicine" for 2023-2024 were made. | 19. 04.2023 y., Minutes №8 | Approved by profiled methodical board of therapeutic disciplines, minutes №3 dated 04 May 2023. |
| 2. | Made changes to the work program in accordance with the Order №881-c from 15.03.2022 LNMU "On the introduction of the curriculum for the preparation of applicants for the second (master's) level of higher education in the specialty 222 Medicine" | 17. 03.2022, Minutes №13 | Discussed and approved at the methodical meeting of the department propaedeutics of internal medicine |
| 3. | Recent changes have been made to the work program in connection with the transfer of the discipline from compulsory to elective, change in the duration of practice, the number of hours and credits allocated for its passage | 11.03.2021 Minutes №14, | Approved by profiled methodical board of therapeutic disciplines, minutes №5 dated 25.03.2021 |

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INTRODUCTION

The program of studying the discipline of selective components of block 2 WB 2.4. "Nursing practice in conditions of therapeutic department" is made in accordance with the Standard of higher education of Ukraine of the second (master's) level of knowledge 22 "Health" specialty 222 "Medicine"; "Regulations on practice at the Lviv National Medical University", approved by the Academic Council of the University on September 16, 2015, protocol №8-VR; educational-professional training program for specialists of the second (master's) level of knowledge 22 "Health" specialty 222 "Medicine" qualification educational "Master of Medicine" qualification professional "Doctor", approved by the Academic Council of LNMU (protocol №5-VR from 24.05.2019) and Order №881-c from 15.03.2022 LNMU "On the introduction of the curriculum for the preparation of applicants for the second (master's) level of higher education in the specialty 222 Medicine."

The internship of students is an integral part of the process of training at the Lviv National Medical University named after Danylo Halytsky and is carried out on properly equipped bases of the University, as well as in modern treatment and prevention facilities.

The nursing practice program is a methodological document for students and practice leaders. It is necessary for clear planning and regulation of activities of students and teachers.

The organization of nursing practice in the therapeutic department of the hospital is carried out according to the credit-transfer system in accordance with the requirements of the Bologna Declaration.

During the internship, students perform the duties of paramedics on the basis of inpatient departments of therapeutic profile of regional, city, district health care institutions. Students work 5 hours a day for 14 working days, in their free time they work independently. In the latter

(fifteenth) day students make a differentiated test after checking the head of practice from the department of diaries, designed according to the requirements indicating the number of points for practical skills and feedback on work in practice, signed by the head of practice from the health institution.

The department must have a schedule of students. The direct supervisor of students' practice is nurses. Before leaving for practice, the student must receive instructions from the head of practice from the department, referral to practice, program and practice diary. Upon arrival at the health care facility (HCF), the student must submit a diary from the base, undergo safety training, and clarify the internship plan.

During the internship, the student is obliged to strictly follow the rules of internal order.

EXPLANATORY NOTE (ABSTRACT)

Nursing practice is a clinical discipline, during the study of which the formation of moral and ethical foundations for further professional behavior takes place. The discipline "Nursing Practice" involves the study of hygienic, preventive and curative measures, which are within the competence of nurses and are used to create comfortable conditions for the patient in a medical institution, promote the speedy recovery of the patient.

Assimilation of the material is based on consistent acquaintance with the peculiarities of the implementation of the specified scope of actions in the work of the therapeutic department of the hospital.

Table 1

Description of the nursing practice curriculum

| Name of Practice | Number of weeks | Total hours / credits | Year of study/ Semester | Type of control |
|---|-----------------|--|------------------------------------|-----------------------|
| "Nursing practice in conditions of therapeutic department " | 3 | 5 credits / 150 hours (including: 75-practical and 75 self work) | III Year of study/ (6 Semester) | Differentiated credit |

The subject of study of the discipline "Nursing practice in the therapeutic department of the hospital" is a set of measures aimed at creating favorable conditions for successful treatment of patients, alleviating their condition and meeting the basic physiological needs of the body.

Interdisciplinary relations: according to the Order №881-3 from 15.03.2022 of LNMU "On the introduction of the curriculum for the second (master's) level of higher education in 222 Medicine", nursing practice is provided in July after the end of the VI semester, when students acquire relevant knowledge in

basic basic disciplines: medical biology, medical and biological physics, human anatomy and physiology, bioorganic and biological chemistry, as well as the study of microbiology, virology and immunology, with which the program of industrial practice is integrated. In turn, nursing practice forms the basis for further study by students of clinical disciplines - medical psychology, internal medicine, infectious diseases, oncology, anesthesiology and intensive care, which involves integration with these disciplines "vertically" and the formation of skills to apply knowledge in further learning. and in professional activities.

1. THE PURPOSE AND TASKS OF THE DISCIPLINE

The purpose of teaching the discipline "Nursing practice in the therapeutic department of the hospital" is to acquire and improve the professional skills of a nurse based on deep knowledge and understanding of the functioning of the sick person in compliance with the principles of medical ethics and deontology.

The main tasks of studying the discipline "Nursing practice in the therapeutic department of the hospital" are:

- mastering the basic theoretical knowledge necessary for the organization of comfortable conditions of the patient's stay in the hospital and providing the necessary care for him at all stages of treatment;
- acquisition of basic practical skills and abilities to fill in the documentation kept by the nurse in different departments of the therapeutic hospital; thermometry, blood pressure measurement, pulse study with data entry into the temperature sheet; taking a general blood test, blood test for sugar, biochemical and bacteriological tests; preparation of the manipulation table for work; performing subcutaneous, intramuscular injections; intravenous injection of drugs; assembly and filling of systems for intravenous drip administration of drugs; disinfection, pre-sterilization cleaning of instruments; quality control of pre-sterilization cleaning of instruments for the presence of blood and detergents; sterilization of reusable instruments; preparation of the patient for gastroscopy, rectoromanoscopy, colonoscopy, ultrasound examination of the abdominal cavity; application of cleansing, siphon enema; preparation of the patient and the necessary equipment for taking feces for helminth eggs, occult blood, coprogram; urine collection for research according to Zymnytsky, Addis-Kakovsky, Nechyporenko; preparation of the patient and equipment for duodenal sounding; gastric lavage, washing water for examination; preparation of probes, catheters, tips for manipulations; record the electrocardiogram and interpret the results; apply a warming, cold, medical compress; put jars, mustard seeds; use a warmer, a bubble of ice; put leeches; to provide a comfortable position in bed for the seriously ill; to carry out prevention of bedsores; change underwear and bed linen; use the base vessel and the urinal; to carry out feeding of seriously ill patients with a strict bed rest; perform the simplest resuscitation measures: mouth-to-mouth and mouth-to-nose resuscitation, indirect heart massage; provide first aid for poisoning, heat and sunstroke, drowning, electric shock;
- formation of students' moral, ethical and deontological qualities in professional communication with the patient.

1.3 Competence and learning outcomes, the formation of which is facilitated by discipline (the relationship with the normative content of the training of applicants for higher education, formulated in terms of the results of training in the Standard of Higher Education).

- integrated: the ability to solve typical and complex specialized problems and practical problems in professional activities, including research and innovation in medicine. Ability to continue studies with a high degree of autonomy.

- general:

GC1. Ability to abstract thinking, analysis and synthesis.

GC2. Ability to learn and master modern knowledge.

GC3. Ability to apply knowledge in practical situations.

GC4. Knowledge and understanding of the subject area and understanding of professional activity.

GC5. Ability to adapt and act in a new situation.

GC6. Ability to make informed decisions

GC7. Ability to work in a team.

GC8. Ability to interpersonal interaction.

GC9. Ability to communicate in the state language (both orally and in writing) and foreign languages.

GC10. Ability to use information and communication technologies.

GC11. Ability to search, process and analyze information from various sources.

GC12. Definiteness and perseverance in terms of tasks and responsibilities.

GC13. Awareness of equal opportunities and gender issues.

GC14. The ability to exercise their rights and responsibilities as a member of society, to realize the values of civil (free democratic) society and the need for its sustainable development, the rule of law, human and civil rights and freedoms in Ukraine.

GC15. Ability to preserve and multiply moral, cultural, scientific values and achievements of society based on understanding the history and patterns of development of the subject area, its place in the general system of knowledge about nature and society and in the development of society, techniques and technologies. active recreation and leading a healthy lifestyle.

- special:

SC1. Ability to collect medical information (questioning and examining the patient) and analyze clinical data.

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

SC4. Ability to provide the necessary mode of work and rest in the treatment and prevention of diseases.

SC5. Ability to determine the appropriate nature of nutrition in the treatment and prevention of diseases.

SC8. Ability to determine tactics and provide emergency medical care.

SC9. Ability to carry out medical and evacuation measures

SC10. Ability to perform medical manipulations.

SC13. Ability to carry out sanitary and hygienic and preventive measures.

SC14. Ability to plan and carry out preventive and anti-epidemic measures against infectious diseases.

SC 16. Ability to maintain medical records, including electronic forms.

SC 17. Ability to assess the impact of the environment, socio-economic and biological determinants on the health of the individual, family, population.

SC 24. Adherence to ethical principles when working with patients.

2. PLAN OF PRACTICE

Table 2

| № | Topic | Practical classes | SWS |
|----|---|-------------------|-----|
| 1. | Organization of work and responsibilities of the nurse of the main structural units of the therapeutic hospital. Work with the documentation which is conducted by the nurse in various divisions of a therapeutic hospital. Basic rules of storage of medicines and tools. | 5 | 5 |
| 2. | Organization of medical nutrition in the hospital. Basic principles of medical nutrition. Diet tables and individual diets. Artificial nutrition. Responsibilities of a nurse to maintain medical and sanitary and hygienic regimes of the therapeutic department | 5 | 5 |
| 3. | Duties and actions of the nurse of the therapeutic department. Organization of the work of the nurse's post. Documentation, which is filled in by the nurse, the rules of its maintenance. Registration of patients admitted to the department. Thermometry, blood pressure measurement, pulse study with data entry into the temperature sheet (vital signs). Work with the list of appointments. Rules for providing patients with tablets and soluble drugs. | 5 | 5 |
| 4. | Organization of the work of the nurse of the manipulation room. Basic documentation of the manipulation room. Rules for storage and accounting of medicines and medical instruments in the manipulation room. Prescription, accounting and storage of potent, narcotic and toxic substances in accordance with the current order. | 5 | 5 |
| 5. | Basic requirements for disinfection, pre-sterilization cleaning of instruments. Quality control of pre-sterilization cleaning of instruments for the presence of blood and detergents. Sterilization of reusable tools. | 5 | 5 |
| 6. | Responsibilities of the nurse to ensure the diagnostic process in the therapeutic hospital. Basic rules of preparation of the patient for gastroscopy, rectoromanoscopy, colonoscopy, ultrasound examination of the abdominal cavity. The main types of enemas and the rules of their use. | 5 | 5 |
| 7. | Preparation of patients and necessary equipment for taking feces for helminth eggs, occult blood, coprogram. Rules of taking urine analysis for research according to the methods of Zymnitsky, Addis-Kakovsky, Nechyporenko, their diagnostic value. | 5 | 5 |

| | | | |
|------------------|---|----|----|
| 8. | Preparation and conduct of duodenal sounding. Gastric lavage, methods of its implementation, taking lavage water for research. Preparation of probes, catheters, tips for manipulations. | 5 | 5 |
| 9. | Methods and techniques of electrocardiogram registration. Analysis of its main elements. | 5 | 5 |
| 10 | The simplest methods of physiotherapy. Acquaintance with carrying out of physiotherapeutic procedures (hydrotherapeutic, light, electromagnetic): a technique of their release, supervision of patients and rendering of the first pre-medical aid in case of deterioration of a condition of the patient at carrying out physiotherapeutic procedures. | 5 | 5 |
| 11 | The main types of compresses. Rules for applying warming, cold, medical compresses. Technique of application of cans, mustard plasters, use of a heater, a bubble with ice. Use of medical leeches, conditions of their storage. Rules for using pocket and stationary inhalers. Treatment and disinfection of reusable products. | 5 | 5 |
| 12 | Features of the nurse's work in the intensive care unit. Methods and techniques for supplying humidified oxygen and using an oxygen pillow. The concept of resuscitation. Methods and techniques of the simplest resuscitation measures: mouth-to-mouth and mouth-to-nose resuscitation, indirect heart massage. The process of dying and its periods. The concept of clinical and biological death. Rules of conduct with the corpse. | 5 | 5 |
| 13 | General rules of care for patients with bed rest, seriously ill and agonists. Ensuring a comfortable position in bed, prevention of bedsores, personal hygiene, change of underwear and bed linen, providing physiological stools (urine, feces). Use of the base vessel and urinal. Application of a gas discharge tube, enemas. Types of enemas, methods and techniques of their application, methods of disinfection and storage of enema equipment. Feeding seriously ill patients with a strict bed rest. Parenteral method of artificial administration of food products. | 5 | 5 |
| 14 | First aid for poisoning, heat and sunstroke. First aid for drowning, electric shock. | 5 | 5 |
| 15 | Assessment of practical skills, diary check, admission of a student (who received for the performance of practical skills not less than 72 points) to write a differential test. | 3 | 5 |
| | Differentiated credit. | 2 | |
| TOTAL: 150 hours | | 75 | 75 |

3. LIST OF PRACTICAL SKILLS

1. Fill in the medical documentation, the maintenance of which belongs to the responsibilities of the nurse of the therapeutic department.
2. Provide patients with medicines according to the prescription list.
3. Keep records of potent and narcotic substances.
4. Prepare the manipulation table for work. Collect drugs from ampoules and vials.
5. Perform intradermal and subcutaneous injections.
6. Use an insulin syringe. Calculate the dose and inject insulin.
7. Carry out intramuscular injections.
8. Apply a tourniquet and perform venipuncture, bloodletting, inject drugs intravenously. Carry out blood sampling from a vein for laboratory examination (biochemical, bacteriological).
9. Assemble and fill systems for intravenous infusions. Intravenous drip of drugs.
10. Prepare the patient for duodenal sounding. Demonstrate skills in the technique of its implementation.
11. Prepare the patient and participate in X-ray examination of the stomach, intestines, cholecystography, urography.
12. Prepare the patient and participate in bronchoscopy, cystoscopy, esophagogastroduodenoscopy, colonoscopy and rectoromanoscopy.
13. Carry out disinfection, pre-sterilization cleaning of instruments with quality control of pre-sterilization processing.

14. Sterilize medical instruments, dressings and care items. Sterilization quality control.
15. Carry out the collection of swabs from the throat and nose, collect sputum for research, collection of feces and urine for various types of research.
16. Provide emergency care to patients with heart pain, fainting, asthma attacks, coughing, pulmonary and gastric bleeding, vomiting, aspiration of vomit.
17. Put enemas.
18. Inject the drug into the ears, nose, eyes.
19. Register the electrocardiogram.
20. Apply compresses, put mustard and jars.
21. Apply the technique of oxygen supply from the oxygen concentrator and oxygen cushion.
22. Use different types of inhalers.
23. Feed the seriously ill.
24. Carry out indirect heart massage and artificial lung ventilation.

4. EVALUATION OF STUDENT WORK AT PRACTICE

| No | | Name of practical skills | CRITERIAS FOR EVALUATION OF PRACTICAL SKILLS |
|-----|-----|--|--|
| 1. | P-1 | Be able to complete medical documentation, which is the responsibility of the nurse of the therapeutic department. | <ul style="list-style-type: none"> • 5 points - implementation of practical skills without errors • 4 points - implementation of practical skills with single errors corrected by the student • 3 points - implementation of practical skills with errors, and shortcomings corrected by the instructor • 0 points - failed practical skills |
| 2. | P-1 | To be able to write down and count the potent and narcotic substances. | |
| 3. | P-1 | To be able to provide patients with medicinal products according to the schedule of appointments. | |
| 4. | P-1 | Be able to assemble a sterile syringe from a kraft package, a sterilizer, from a tool table, one-time. Be able to collect medication from ampoules and vials. | |
| 5. | P-2 | Be able to carry out intradermal and subcutaneous injection. | |
| 6. | P-2 | Be able to use an insulin syringe. Be able to calculate the dose and administer insulin. | |
| 7. | P-2 | Be able to administer intramuscular injections (dissolve, calculate the dose and administer an antibiotic). | |
| 8. | P-2 | Be able to impose a tourniquet and perform venipuncture, bloodletting, and administer medicines intravenously. Be able to carry a blood sample from the vein for laboratory examination (bacteriological, biochemical). | |
| 9. | P-3 | Be able to compile and fill in the system for intravenous infusions. Conduct intravenous drip administration of medicines. | |
| 10. | P-3 | Be able to prepare the patient for gastric sensing by fractional method using enteral and parenteral stimuli, to duodenal sounding (three and five phases). Know the technique of performing these instrumental studies. | |
| 11. | P-3 | Be able to prepare the patient and participate in the X-ray examination of the stomach, intestines, cholecystography, urography. | |
| 12. | P-3 | Be able to prepare the patient and participate in bronchoscopy, cystoscopy, esophagogastroduodenoscopy, colonoscopy and recto-mandocopy. | |
| 13. | P-3 | Pre-sterilization cleaning of instruments with quality control of pre-sterilization treatment tools. | |
| 14. | P-3 | Sterilize medical instruments, dressing material and care items, control sterilization. | |
| 15. | P-3 | Conduct a collection of smears from the nose and throat, collecting sputum for research, feces and urine for various types of research. | |

| | | | |
|-----|-----|---|---|
| 16. | P-4 | To be able to provide urgent help to patients with pain in the heart, zomlinny, an attack of cardiac asthma, during coughing, shortness of breath, hemoptysis, pulmonary bleeding, stomach bleeding, vomiting and aspiration with vomit masses. | |
| 17. | P-4 | Be able to put an enema (cleansing, siphon, oil, nutrition). | |
| 18. | P-4 | Inject the medicine into your ears, nose, eyes. | |
| 19. | P-4 | Be able to write an electrocardiogram and interpret its basic indicators. | |
| 20. | P-4 | Make a compress, put mustard and jars. | |
| 21. | P-4 | Be able to supply oxygen from an oxygen pillow through the nasal catheter. | |
| 22. | P-4 | Be able to use different types of inhalers. | |
| 23. | P-4 | Carry out the feeding of the severely ill. | |
| 24. | P-4 | Be able to carry out an indirect heart massage and artificial ventilation of the lungs. | |
| | | TOTAL POINT: | Maximal number of points 120 points Minamal number of points 72 points |

6. SUMMARY OF PRACTICE

To the final examination (differential credit) from the nursing practice in the therapeutic department of the hospital it is allowed students who have completed the program of practice, have properly documented records - a diary of practice (appendix 1), a positive characteristic of the general manager from the practice base (appendix 2) and received at least 72 points for practical skills.

Total score for practice consists of the amount of points for the student's practical skills, which are checked by the direct supervisor from the practice base (maximum 120 points - at least 72 points), and points for the final control, which are displayed when performing the differentiated score (maximum 80 points - minimum 50 points).

Score points are independently converted into both ECTS and 4-point scales. Students' points are ranked on the ECTS scale as follows:

6.1. LIST OF QUESTIONS FOR FINAL CONTROL

1. Ethical foundations of nursing.
2. The main orders of the Ministry of Health of Ukraine, which regulate the activities of the nurse of the therapeutic department.
3. Responsibilities of the nurse of the main units of the therapeutic hospital.
4. The list of documentation kept by the nurse in different departments of the therapeutic hospital.
5. Types of treatment-prevention facilities, their structure and functions.
6. Hospital admission department, functions.
7. Admission, registration and sanitation of the patient
8. Sanitary and anti-epidemic regime of medical and preventive institutions.
9. The concept of infectious safety.
10. Types and methods of disinfection.
11. Types and methods of sterilization.
12. Treatment and protection regime, its elements and significance for the patient.
13. Modes of physical activity.
14. Cleaning of eyes, ear canals, nasal passages, mouth of the seriously ill.
15. Bedsores. Risk factors for bedsores, stages of formation, localization, prevention.
16. Therapeutic nutrition, basic principles. Feeding the seriously ill.
17. Nutrition of patients in the hospital. Control over transfers from home, food storage.
18. Dietary food. Characteristics of dietary tables.
19. Artificial feeding: through a tube, gastrostomy, using a nutritional enema, parenteral.

20. Thermometer: structure, rules of storage and use, disinfection.
21. Measurement of body temperature, registration (digital, graphic), evaluation of results.
22. Stages of fever, main symptoms. Care of patients with fever.
23. Observation of respiration (frequency, depth, rhythm). Respiratory rate calculation, digital and graphic recording.
24. Rules for using an individual spittoon, its disinfection.
25. Oxygen therapy: technique of oxygen supply from an oxygen pillow, through the Bobrov device.
26. Pulse: research technique, properties, digital and graphic image in the temperature sheet.
27. Blood pressure: measurement technique, evaluation, digital and graphical recording, blood pressure disorders.
28. Providing emergency medical care in case of dying.
29. Helping the patient during vomiting.
30. Gastric lavage, indications, contraindications, technique.
31. Cleansing enema, indications, contraindications, technique.
32. Siphon enema, indications, contraindications, technique.
33. Drip enema, indications, contraindications, technique.
34. Therapeutic enema, indications, contraindications, technique.
35. Oil enema, indications, contraindications, technique.
36. Flatulence, the use of a gas tube.
37. The mechanism of action of the heater: indications, contraindications, techniques.
38. Mechanism of action, indications for use, technique of application of ice bubble.
39. Indications, contraindications, anatomical areas, technique of setting cans.
40. Indications, contraindications, technique of mustard.
41. Indications, contraindications, types and use of compresses.
42. Rules for prescribing and receiving medicines in the hospital.
43. Rules of storage, placement and accounting of drugs in the department.
44. Organization of drug distribution in the department.
45. External use of drugs: rubbing ointments, instilling drops in the nose, ears, eyes.
46. Inhalation.
47. Enteral administration of drugs: through the mouth, under the tongue, rectally.
48. Parenteral method of drug administration, advantages and disadvantages, tools.
49. Intradermal injections: purpose, anatomical areas, technique.
50. Mantoux test and drug sensitivity test. Evaluation of results.
51. Features of the introduction of oil solutions, possible complications, their prevention.
52. Calculation of dose and rules of insulin administration.
53. Intramuscular injections: purpose, anatomical areas, technique.
54. Dissolution, dose calculation and administration of antibiotics.
55. Venepuncture: purpose, tools, technique.
56. Intravenous injection of drugs.
57. Collection of blood from a vein for laboratory research.
58. Bloodletting: indications, contraindications, technique, possible complications.
59. Intravenous drip of drugs (structure and assembly of the system for infusion therapy).
60. Possible complications of injections, causes, care.
61. Gastric sounding: patient preparation, equipment, fractional sounding technique with enteral and parenteral stimuli.
62. Duodenal sounding: patient preparation, equipment, technique of three- and five-phase sounding.
63. Taking a swab from the throat and nose, purpose, referral to the laboratory.
64. Laboratory examination of sputum. Patient preparation, equipment, sending material to the laboratory.
65. Laboratory examination of urine. Patient preparation, equipment, sending material to the laboratory.
66. Laboratory examination of feces. Patient preparation, equipment, sending material to the laboratory.
67. Preparation of patients and participation of the nurse in X-ray examination of the digestive tract, irigoscopy, cholecystography, urography.
68. Patient training and nurse participation in endoscopic and ultrasound examinations.
69. Rules of treatment of a deceased person.
70. Bioethical norms when working with incurable patients and their relatives.
71. Psychological support of relatives of the incurable patient in the period of grief.
72. Hospice. Organization, tasks and content of work. Structure, states.
73. Blood collection from a vein for laboratory research (bacteriological, biochemical).

74. Technique of taking a swab from the throat and nose.
75. Collection of sputum for laboratory research (general, bacteriological).
76. Taking vomit and gastric lavage for laboratory testing.
77. Collection of feces for laboratory research: coprological, bacteriological, occult blood, helminth eggs.
78. Preparation of the patient and technique of probing the stomach by fractional method using enteral and parenteral stimuli.
79. Patient preparation and duodenal sounding technique (three- and five-phase).
80. Collection of urine for general analysis, research on sugar, amylase.
81. Determination of daily diuresis, water balance.
82. Collection of urine by the method of Zymnitsky, Nechiporenko.
83. Collection of urine for bacteriological examination.
84. Writing referrals to the laboratory for all types of research.
85. Patient preparation and participation of the nurse in X-ray examination of the stomach, intestines, cholecystography, urography.
86. Carrying out a test for sensitivity to a contrast agent.
87. Patient preparation and nurse's participation in bronchoscopy, cystoscopy, esophagogastroduodenoscopy, colonoscopy and rectosigmoidoscopy.
88. Pleural puncture (pleurocentesis): preparation of the patient, equipment, medical assistance, care and observation of the patient during and after the procedure.
89. Lumbar puncture: preparation of the patient, equipment, medical assistance, care and observation of the patient during and after the procedure.
90. Abdominal puncture: preparation of the patient, tools, medical assistance, care and observation of the patient during and after the manipulation.

6.2. CRITERIA FOR ASSESSING DIFFERENTIATED CREDIT

Final control test in the form of mcq is carried out on the last day of practice using distance learning technologies online on the MISA platform.

Exam test tasks of different levels of complexity and situational tasks are prepared on the basis of methodical recommendations "Algorithms of practical skills", posted on the website of the department and the learning platform MISA. They will include 40 tasks with one correct answer and 40 tasks of extended choice. The correct answer is estimated at 1 point. The maximum number of points that a student can receive for the final control is 80 points, the minimum number of points is 50.

The assessment for practice consists of:

1. the amount of points for the student's **PRACTICAL SKILLS**, which are checked by the immediate supervisor from the base of practice (maximum 120 points - minimum 72 points),
2. points for the **FINAL CONTROL TEST (MCQ)**, which are set when conducting a differentiated test (maximum 80 points - minimum 50 points).

Points from the discipline are independently converted into both the ECTS scale and the 4-point scale.

Student scores are ranked on the ECTS scale as follows:

Table 1

| Points ECTS | The statistical indicator |
|-------------|---------------------------------|
| A | The best 10% of students |
| B | The next 25% of students |
| C | The next 30% of students |
| D | The next 25% of students |
| E | The last 10% of students |

Scores of practice for students who successfully completed the program, converted into traditional 4-point scale for absolute criteria:

Table 2

| Points from discipline | Grade 4-point scale score |
|------------------------|---------------------------|
| From 170 to 200 points | 5 |
| From 140 to 169 points | 4 |

| | |
|--|---|
| From 139 points to the minimum | 3 |
| The number of points that student must collect | 2 |

The final control, in accordance with the requirements of the program of practice, students make up on the last day of the practice of the commission, which includes the practice heads from the University and, if possible, from the bases of practice.

METHODICAL SUPPORT

- A sample of the Diary of the practice “*Nursing practice in conditions of therapeutic department*” (Appendix 1).
- Sample of the "Final Report on the Work" (Appendix 2).
- Recommended methodological developments:
 1. Fundamentals of Nursing: Standards and Practice Fourth Edition / Sue C. DeLaune, Patricia K. Ladner – United States of America: Delmar, Cengage Learning, 2011. – 1438 p.;
 2. Delmar’s fundamental and advanced nursing skills / Gaylene Altman, Patricia Buschel, and Valerie Coxon – Canada: Delmar, Thomson Learning, 2000. – 1436 p.
 3. Методичні рекомендації з догляду за хворими терапевтичного профілю (практика) для студентів II курсу медичних факультетів вищих навчальних закладів III-IV рівнів акредитації./ Дроник І.С., Ющик Л.В., Гайдук А.Б. // Методичні рекомендації за ред. проф. Яворського О.Г.– Львів, 2009. – 30 с.
 4. Нетяженко В. З. Догляд за хворими / В. З. Нетяженко, І. М. Щуліпенко, Л. А. Дітківська. - К. : «Здоров’я», 2013. – 592 с.
 1. Щуліпенко І. М. Загальний та спеціальний догляд за хворими з основами валеології / Щуліпенко І. М. - К. : «КИЙ», 1998. – 384 с.
 2. Яворський О. Г. Навчальний DVD-фільм «Догляд за хворими. Основи медсестринської справи».

RECOMMENDED BOOKS

Basic literature

1. Nursing Assistant: A Nursing Process Approach—BASICS / Barbara R. Hegner, Barbara Acello, Esther Caldwell – United States of America: Delmar, Cengage Learning, 2010. – 701 p.
2. Fundamentals of Nursing (Concepts and Procedures) / ed. by Barbara Kozier, BA, BSN, RN, MN; Glenora Erb, BSN, RN. – Addison – Wesley Publishing Company, Nursing Division, Menlo Park, California, 1983.
3. Наказ МОЗ України від 15.01.2014 №34 "Про затвердження та впровадження медико-технологічних документів зі стандартизації екстреної медичної допомоги".
4. Наказ МОЗ України від 01.06.2013 №460 "Про затвердження протоколів медичної сестри (фельдшера, акушерки) з догляду за пацієнтом та виконання основних медичних процедур та маніпуляцій".
5. Наказ МОЗ України від 22.05.2013 №410 "Про затвердження форм облікової документації та звітності стосовно реєстрації випадків контакту осіб з кров'ю чи біологічними матеріалами людини, забрудненими ними інструментарієм, обладнанням чи предметами, проведення постконтактної профілактики ВІЛ-інфекції та інструкцій щодо їх заповнення".
6. Наказ МОЗ України від 21.01.2013 №41 "Про організацію паліативної допомоги в Україні".
7. Наказ МОЗ України від 17.02.2013 №32 "Про реалізацію положень Закону України "Про екстрену медичну допомогу".
8. *Про затвердження та впровадження медико-технологічних документів зі стандартизації паліативної медичної допомоги при хронічному больовому синдромі [Електронний ресурс] / Наказ МОЗ України від 25.04.2012 № 311. – Режим доступу: http://moz.gov.ua/ua/portal/dn_20120425_311.html*

Additional literature

1. *Curriculum in Palliative Care for Undergraduate Medical Education : Recommendations of the European Association for Palliative Care [Electronic resource] / Milano, EAPC, 2007. – 24 p. - Access mode: <http://www.eapcnet.eu/LinkClick.aspx?fileticket=VmnUSgOm5PO%3D>.*
2. *EAPC Atlas of Palliative Care in Europe [Electronic resource] / [C. Centeno, D. Clark, T. Lynch et al.] – Houston : IAPHC Press, 2007. – 340 p. – Access mode: <http://www.eapc-taskforce-development.eu/documents/taskforce/ATLAS-EAPC-2007.pdf>.*
3. *Recommendation Rec (2003) 24 of the Committee of Ministers to member states on the organisation of palliative care [Electronic resource] / Council of Europe. – 2003. - Access mode: [http://www.coe.int/t/dg3/health/Source/Rec\(2003\)24_en.pdf](http://www.coe.int/t/dg3/health/Source/Rec(2003)24_en.pdf).*
4. *White Paper on standards and norms for hospice and palliative care in Europe [Electronic resource] / Recommendations from the European Association for Palliative Care. Part I // Eur. J of Palliative Care. – 2009. – # 16 (6). - Access mode: <http://www.eapcnet.eu/LinkClick.aspx?fileticket=f63pXXzVNEY%3D&tabid=735>.*
5. *Recommendations of the European Association for Palliative Care (EAPC) For the Development of Undergraduate Curricula in Palliative Medicine At European Medical Schools [Electronic resource]: report of the EAPC Steering Group on Medical Education and Training in Palliative Care. - Edition 2013. - Access mode: https://mail.rambler.ru/m/folder/INBOX/7271.2/download/id/EAPC_UndergraduateCurriculumUpdate2013.pdf*

SUMMING UP THE PRACTICE

Summarizing the practice is carried out in the presence of all the accounting documents provided by the program of practice, and the characteristics of the production activities of the student during the practice, signed by the direct and general manager of the practice base (Appendix 1 and 2).

Assessment of the student's acquisition of practical skills and abilities is carried out using the criteria specified in the work program of practice and in the diary of the student's practice.

The practice assessment consists of the amount of points for the student to complete practical skills and points for final control.

Implementation of practical skills is checked daily by the direct supervisor of the practice from the base and shows them in the diary of the student's practice. The practice leader at the University systematically monitors student diaries. Students who have received at least 72 points for practicing a certain type of practice, are allowed to complete control of industrial practice, provided a report on practice and a positive description of the general manager from the practice base.

The final control, in accordance with the requirements of the program of practice, students make up on the last day of the practice of the commission, which includes the practice heads from the University and, if possible, from the bases of practice.

Score practice entered the head of the University to student academic records and test-examination information. Within three days after the end of the practice, the head of the university submits a note to the relevant deanery, a report on the practice - to the Department of Practice of the University.

An assessment of practice is taken into account when considering issues regarding the award of a scholarship along with examinations and other differentiated credits.

Students who did not fulfill the practice program without valid reasons received an unsatisfactory rating for their practice and did not liquidate the academic debt until the beginning of the next semester, deducted from the University.

The results of the practice are annually heard and discussed by the relevant departments, profile methodical commissions, academics, faculty councils and the University.