

**Academic programme  
component**

**31.05.01 General Medicine  
(in a foreign language)  
programme**

**B1.O.02 (II)  
practical training code**

## **ASSESSMENT MATERIALS**

**Type of  
practical  
training**

**Practical training:  
externship (acquiring hands-on professional experience as a nursing staff)**

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## 1. Criteria and assessment of the competencies and their mastery indicators, formed during practical training

Code and competence name	Code and indicator of competence mastery	Results of practical training		
		<i>To know</i>	<i>To be able to</i>	<i>To have</i>
<b>УК-9</b> Can apply basics of defectology to social and professional fields	ИД-3УК-9 Takes into account the individual characteristics of persons with disabilities in the implementation of social and professional contacts	- methods of care for patients with various diseases and conditions; - principles and methods of providing medical care to patients with urgent conditions at the prehospital stage, in emergency situations, epidemics and in areas of mass damage in accordance with the procedures for providing medical care, clinical recommendations, taking into account the standards of medical care;	- recognize conditions that require emergency medical care; - organize the work of medical personnel, including patient care, in urgent conditions, in emergency situations; - provide emergency medical care to patients at the prehospital stage in conditions that pose a threat to patients' lives, including clinical death; - use medicines and medical devices in the provision of medical care in case of emergency conditions;	- skills to assess the patient's condition in case of sudden acute conditions; skills in caring for patients with various diseases and conditions; - skills in conducting medical: therapeutic and diagnostic manipulations for patients in accordance with current clinical guidelines; - various techniques and methods for the dissemination of knowledge about a healthy lifestyle and sanitary and hygienic education of the population.
<b>ОПК-1</b> Can implement moral and legal norms as well as ethical and deontological principles in professional activities	ОПК-1.2. Builds professional relationships in accordance with moral and legal norms, in communication with patients, using deontological principles	- clinical signs of major emergency conditions; - requirements for ensuring internal quality control and safety of medical activities;	- perform basic cardiopulmonary resuscitation activities; - use personal protective equipment; - apply modern methods of collecting and processing information, conduct statistical analysis of the data obtained, interpret the results to solve professional problems;	
<b>ОПК-</b> Can implement measures to promote healthy lifestyle and health education and assess their effectiveness	ОПК-2.1. Knows and uses various techniques and methods to spread knowledge about a healthy lifestyle and sanitary and hygienic education of the population	- rules for registration and peculiarities of maintaining medical documentation, including in the form of an electronic document, in medical organizations providing primary health care to the adult population;	- to analyze the scientific literature and the results of scientific research, assess the level of evidence of the data obtained.	
Can organize nursing, provide first aid and ensure proper prehospital care in case of emergency, epidemic and mass destruction	ОПК-6.2 Can organize the care of patients with diseases of varying severity of therapeutic, surgical, and other profiles	- job responsibilities of medical workers in medical organizations providing primary health care to the adult population; - organization of work, equipment and equipping of medical organizations providing primary health care to the adult population;		
<b>ОПК-10</b> Can fathom the principles of modern IT and apply them to fulfil professional tasks	ОПК-10.1. Knows the possibilities and principles of modern information technologies and uses them to solve the tasks of professional activity			
<b>ОПК-11</b> Can prepare and apply academic, R&D, project, management and legal papers in healthcare	ОПК-11.1. Applies modern methods of collecting and processing information, conducts statistical analysis of the data obtained, interprets the			

	results to solve professional problems	- possibilities and principles of operation of modern information technologies for solving problems of professional activity; - requirements for occupational health, safety and fire safety, procedures for emergency situations.		
<b>ПК-5</b> Can gather and analyze academic and R&D information to fulfil professional tasks, take part in research and introduce new methods and practices aimed to protect public health	ПК-5.2. Analyzes the scientific literature and the results of scientific research, evaluates the level of evidence of the data obtained			
<b>ПК-6</b> Can keep medical records and organize the work of paramedical personnel	ПК-6.4. Provides internal quality and safety control of medical activities within the scope of job responsibilities			

**2. Assessment of competencies mastery as per the results of practical training (externship: acquiring hands-on professional experience as a nursing staff)**

<b>Practical training stages (stages of competence formation)</b>	<b>Code(s) of competencies</b>	<b>Formative assessment forms</b>	<b>Interim assessment forms</b>
<b>Stage 1: Preparation</b> - organizational meeting; - briefing on safety rules; - receiving an individual task for practical training.	ОПК-1 ОПК-10 ПК-6	- test on fire safety rules, - test on labour conduct rules; - test on safety rules; - test on sanitary-epidemiological rules and hygienic norms	Report on practical training
<b>Stage 2: Main</b> (undergoing the practical training at the hospital) - studying the healthcare organization (structure, managing staff, schedule, workplace and responsibilities, internal code of labour conduct) - work tasks completion - individual task completion - other types of work as per the stated goals and tasks of the practical training	УК-9 ОПК-1 ОПК -2 ОПК-6 ОПК-10 ОПК-11 ПК-5 ПК-6	- hospital attendance; - individual task assessment; - preliminary checking of the practice report and accompanying documentation quality	
<b>Stage 3: Final</b> - drawing up the training conclusions - preparation of report documentation on training - preparation of training results presentation - interim assessment	ОПК -1 ОПК-10 ОПК-11 ПК-5	- questions for practice report presentation	

**3. Criteria and grading system of the formative assessment tasks**

3.1. Criteria of tests assessing

<b>Grade</b>	<b>Criteria</b>
<i>Pass</i>	60-100% of correct answers
<i>Fail</i>	less than 60% of correct answers

3.2. Criteria and grading system of practical training report quality

The practical training syllabus, list of tasks, report documentation layout recommendations are presented in MAU LMS Moodle.

The quality of the report on practical training and accompanying documentation are assessed during the formative assessment.

<b>Grade</b>	<b>Assessment criteria</b>
<i>Excellent</i>	The material is presented in full, consistently, and competently. Individual practice task(s) is/are completed. Primary documents are attached. Appendices are logically connected with the text part of the report. The report is submitted on time. The practice programme is completed. The review is positive.
<i>Good</i>	The material is presented in full, consistently, and meets the requirements. Some insignificant and stylistic mistakes are made. Appendices are mainly connected with the text part of the report. The report is submitted on time. The practice programme is completed. The review is positive.
<i>Satisfactory</i>	The material is not presented completely. The report is not laid out properly. The text part of the report is not fully connected with appendices. The report is submitted on time. The practice programme has not been completed in full. The review is positive.
<i>Unsatisfactory</i>	The material is not presented completely and systematically. There are errors, the layout does not fully meet the requirements. There are no appendices. The report is submitted on time. The review is negative. The practice programme has not been completed.

### 3.3. Criteria and grading system of individual task for practical training

Assessment materials include a typical individual task for practical training variant

1. Organization of nursing care in the intensive care unit
2. Organization of the nursing process in the preoperative period
3. Features of caring for mentally ill patients
4. Preparing the patient for surgery. Management of patients in the postoperative period
5. Work of a midwife in maternity institutions
6. Nursing process for allergies
7. Nursing process for anemia
8. Nursing process for bronchial asthma
9. Nursing process for deforming osteoarthritis
10. Nursing process for intestinal diseases
11. Nursing process for leukemia
12. Nursing process for obesity
13. Nursing process for pyelonephritis
14. Nursing process for pleurisy
15. Nursing process when caring for patients with bleeding in the emergency gynecology department
16. Nursing care for patients with gastrointestinal diseases
17. Features of nursing care for patients with trophic ulcers
18. Features of care for patients with diabetes. Prevention of diabetic foot syndrome
19. Nursing process for hypertension
20. Nursing process for pathology of the musculoskeletal system
21. Nursing in therapy
22. Technique for IV, IM, SC injections. Possible complications. Prevention of complications
23. Nursing in geriatrics
24. Nursing care for patients with pressure ulcers
25. Features of nursing activities in case of thyrotoxicosis

<b>Grade</b>	<b>Assessment criteria</b>
<i>Excellent</i>	The individual task is completed in full, the student shows a high level of independence and uses creative approach to its implementation
<i>Good</i>	The individual assignment is completed in full, there are some drawbacks in the layout of the presented material

<i>Satisfactory</i>	The task as a whole is completed, however, there are drawbacks when performing individual sections (parts) of the task during practice, there are remarks on the layout of the collected material
<i>Unsatisfactory</i>	The task is only partially completed; there are numerous remarks on the layout of the collected material

#### **4. Criteria and grading system of practical training results during the interim assessment**

The interim assessment of students based on the results of the practical training is a graded credit, which is carried out in the form of a presentation of the results of the externship and an interview with the teacher.

Assessment materials include a typical list of questions for report presentation:

1. Intramuscular administration of the drug
2. Intravenous administration of the drug (bolus)
3. Immobilize the upper limb with a Deso bandage
4. Taking blood from a peripheral vein using a vacutainer
5. Subcutaneous administration of the drug
6. Intradermal administration of the drug
7. Care of the vascular catheter (peripheral)
8. Set the prescribed dose and subcutaneous administration of insulin
9. Determination of blood glucose levels using the express method
10. Performing a cleansing enema
11. Installation of the gas outlet tube
12. Care of the external genitalia (male)
13. Care of the external genitalia (woman)
14. Insertion of a peripheral catheter into the vein of the elbow
15. Care of an indwelling urinary catheter
16. Oral care
17. Care of the nasogastric tube
18. Placing the patient in bed
19. Blood pressure measurement
20. Counting the number of breathing movements
21. Pulse assessment
22. General thermometry
23. Measuring body weight
24. Height measurement
25. Hand hygiene
26. Putting drops into the eyes
27. Putting drops in the ear
28. Putting drops into the nose
29. Administration of drugs using a pocket inhaler
30. Diluting the antibiotic and setting the prescribed dose
31. Using an ice pack.
32. Using a heating pad
33. Postoperative dressing (clean wound), treatment of sutures
34. Catheterization of the male bladder with a soft catheter
35. Catheterization of the female bladder with a soft catheter

Criteria and grading system of practical training report presentation

<b>Grade</b>	<b>Assessment criteria</b>
<i>Excellent</i>	Student demonstrates a complete understanding of the problem, has versatile skills and techniques for performing practical tasks. All requirements for the task have been met. The content of the report is deep and comprehensive. The layout of the report is at a high level (compliance with requirements, completeness of information, general layout). The work is complete and a creative approach is used.
<i>Good</i>	Student demonstrates a significant understanding of the problem, correctly applies theoretical principles when solving practical issues and problems, and has the necessary skills to solve practical problems. All requirements for the task have been met. Report layout is at a sufficient level (compliance with requirements, completeness of information, general layout). For the most part, the work is clear and coherent.
<i>Satisfactory</i>	Student demonstrates a partial understanding of the problem, has knowledge only of the basic material, but has not mastered its details. Many requirements for the assignment have not been met. There is some integration of elements into the whole, but the work is unoriginal and/or unfinished. Report layout - at a low level (compliance with requirements, completeness of information presentation, general layout)
<i>Unsatisfactory</i>	No practical training report has been provided.