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Khanty-Mansiysk Autonomous Okrug-Ugra
 "Surgut State University"

Approved by
 Deputy Rector for Academic Affairs

_____ E.V. Konovalova
 " 13" June 2024, Record No. 5

Professional Practice in Obtaining Nursing Assistance Professional Skills and Experience

Qualification **General Practitioner**

Curriculum s310501-ЛечДелоИИ-24-1.pli.xml
 Specialty 31.05.01 Medicine

Department **Internal medicine**

Form of education **Full-time**

Total (in credits) 4

Total academic hours 144
 including:
 Contact 144
 Self-study 144

Control:
 Credit, 6th term

| Academic year (Term) | 3 (3.6) | | Total | |
|-------------------------|---------|-----|-------|-----|
| | 2, 2/3 | | | |
| Types of classes | Cur | Syl | Cur | Syl |
| Lectures | - | - | - | - |
| Practical | - | - | - | - |
| Self-study | 144 | 144 | 144 | 144 |
| Total | 144 | 144 | 144 | 144 |

The Syllabus is compiled by:

*PhD in Medical Sciences, Associate Professor Rybalka O.O., Matveeva A.M.*_____

The Syllabus

Professional Practice in Obtaining Nursing Assistance Professional Skills and Experience

Developed in accordance with Federal State Educational Standard:

Federal State Educational Standard of higher education in the specialty 31.05.01 General medicine (Order of the Ministry of Education and Science of the Russian Federation on 12.08. 2020 № 988)

Based on the Curriculum:

31.05.01 GENERAL MEDICINE

Specialization: General Medicine

Approved by the Academic Council of Surgut State University, “ 13 ” june 2024, Record №5

The Syllabus was approved by the department

Internal diseases

Head of Department, Doctor of Medicine, Professor Ariamkina O.L.

Chairman of Academic and Scientific Council, PhD in Medical Sciences (Medicine), Senior Lecturer Vasilyeva E.A.

1. AIM OF THE PRACTICE

The **aim** of the practice is to develop basic functions of the professional work of a procedural nurse, the formation and development of professional competence, the formation of professionally significant personal qualities.

2. OBJECTIVES OF THE PRACTICE

1. To form the ability and willingness to implement the ethical and deontological aspects of medical activity in communication with doctors, nurses, adults and adolescents, their parents and relatives;
2. To form the ability and willingness to analyze the results of their own activities in accordance with medical prescriptions to prevent mistakes that may lead to disciplinary, administrative, civil and criminal liability;
3. To form the ability and willingness to apply the methods of asepsis and antiseptics, to use medical tools, to conduct sanitary treatment of treatment rooms, to have skills of patient care technology;
4. To form the ability and willingness to work with medical and technical equipment used in working with patients, to have computer skills;
5. To form the ability and willingness to use drugs, to carry out activities to comply with the rules of their storage.

3. COURSE OVERVIEW

Course code (in curriculum) | Б2.О.02.01(II)

Assumed background (courses and practices):

Pharmacology

Introduction to Speciality. Ethics and Deontology (Bioethics)

Б1.О.04.09 Histology, Embryology, Cytology

Б1.О.04.06 Hygiene

Б1.О.04.10 Hominal Physiology

Б1.О.02.01 Foreign Language (Russian)

Б1.О.04.08 Anatomy

Б1.О.04.51 Nursing. Theoretical Bases of Studying Patient Care

Б1.О.04.38 Internal Diseases Propaedeutics

Б2.О.01.02(Y) Educational Practice in Research (primary research skills)

Post-requisite courses and practice:

Б2.О.02.02(II) Professional Practice, Diagnostician Assistant

Б2.О.02.03(II) Professional Practice, Physician Assistant

Б2.О.02.04(II) Professional Practice, Surgeon Assistant

Б2.О.02.05(II) Professional Practice, Obstetrician and Gynecologist Assistant

4. PLACE AND PERIOD OF PRACTICE

| Semester | Place | Department | Period |
|----------|---|----------------------------------|-------------|
| VI | Surgut District Clinical Hospital | Hospital/ Dispensary departments | June-July |
| | Clinical City Hospital # 1 | | June-July |
| | Surgut District Cardiology Dispensary | | June-July |
| | City Ambulance Station | | June-July |
| | Divisional Clinical Hospital (Surgut station, Russian | | June-July |
| | Outside Surgut (based on agreements and letters of | | June-August |

5. Mode of practice – stationary and outside

6. Form of practice – discrete

7. RESULTS UPON COMPLETION OF THE PRACTICE

7.1 Competences upon completion of the practice

Universal Competences:

UC-3.1 Determines his/her role in the team based on the strategy of cooperation to achieve the goal

UC-3.2 Considers the behavior of other team members while implementing his/her role in the team

UC-3.3 Analyzes the possible consequences of personal actions and plans his/her actions to achieve the pre-planned result

UC-4.1 Chooses the style of communication in the State language of the Russian Federation in accordance with the purpose and conditions of communication

UC-5.3 Upholds the principles of tolerance and respect of fundamental human and civil rights in personal and social communication in order to solve professional tasks and enhance social integration

| | |
|---|---|
| General Professional Competences: | |
| GPC-1.1 Knows the legislation of the Russian Federation on the rights and obligations of citizens in the field of healthcare (Constitution of the Russian Federation as amended in 2020, No. 323-FZ) and is able to implement legal norms, ethical and deontological principles of professional activity | |
| GPC-1.2 Knows the legislation of the Russian Federation on the legal basis of medical activity (Labor Code of the Russian Federation, No. 326-FZ, No. 323-FZ) and is able to form the doctor-patient relationship within the legal framework | |
| GPC-1.3 Able to apply ethical and deontological principles in professional activity | |
| Professional Competences: | |
| PC-2.1 Assesses the condition of a patient requiring emergency or urgent medical care, E950, including a state of clinical death | |
| PC-6.1 Assesses the patient's signs of disability (temporary, constant) | |
| PC-7.5 Teaches patients and their relatives the basic hygienic measures of a health-improving nature, the skills of self-control of the main physiological indicators that contribute to the preservation and strengthening of health, the prevention of diseases, sanitary and hygienic education of the population and the formation of a healthy lifestyle, is able to form healthy lifestyle programs, including programs to reduce alcohol and tobacco consumption, prevention and control of non-medical use of narcotic drugs and psychotropic substances and is able to assess the effectiveness of preventive work with patients | |
| PC-8.2 Keeps medical records, including the electronic format | |
| PC-8.3 Provides internal quality control and safety of medical activities within the scope of job duties, control of the performance of duties by middle and junior medical personnel and other medical workers of their job duties | |
| 7.2 By the end of the course students must: | |
| | Know: |
| | the principles of abstract thinking, analysis, synthesis |
| | principles of first aid and protection techniques in emergency |
| | ethical and deontological principles in professional activity |
| | the results of individual activities to prevent professional mistakes |
| | medical use of drugs, substances and their combinations in solving professional tasks |
| | medical devices approved for medical procedures |
| | care bundle aiming to: preserve and strengthen health; promote healthy lifestyle; prevent the occurrence and/or spread of diseases, to conduct their early detection, uncovering causation and progression; eliminate adverse health effects of habitat factors |
| | principles of emergency medical care in conditions requiring urgent medical intervention |
| | Be able to: |
| | apply principles of abstract thinking, analysis, synthesis |
| | provide first aid |
| | apply ethical and deontological principles in professional activity |
| | analyze the results of individual activities to prevent professional mistakes |
| | use prescribed medications in various pathological conditions |
| | apply medical devices approved for the first medical aid |
| | carry out preventive measures for early diagnosis, identify the causes and conditions of occurrence and development of diseases |
| | provide emergency medical care in conditions requiring urgent medical intervention |

8. STRUCTURE AND CONTENTS OF PRACTICE

The academic load of the Professional Practice (procedural nurse and physician assistant) is 180 hours, 5 credits.

| Class Code | Topics /Class type | Term / Academic year | Academic hours | Competences | Literature | Interactive | Notes |
|------------|--------------------|----------------------|----------------|-------------|------------|-------------|-------|
|------------|--------------------|----------------------|----------------|-------------|------------|-------------|-------|

| | | | | | | | |
|---|---|---|-----|---|--|---|-----------------|
| 1 | Organization of practice. Safety instruction / | 6 | 2 | UC-3.1 UC-3.2 UC-3.3 UC-4.1 UC-5.3 GPC 1.1 GPC-1.2 GPC-1.3 PC-2.1 PC-6.1 PC-7.5 PC-8.2 PC-8.3 | | 0 | |
| 2 | Pre-practice instruction / | 6 | 2 | UC-3.1 UC-3.2 UC-3.3 UC-4.1 UC-5.3 GPC 1.1 GPC-1.2 GPC-1.3 PC-2.1 PC-6.1 PC-7.5 PC-8.2 PC-8.3 | | 0 | |
| 3 | Professional Practice / | 6 | 136 | UC-3.1 UC-3.2 UC-3.3 UC-4.1 UC-5.3 GPC 1.1 GPC-1.2 GPC-1.3 PC-2.1 PC-6.1 PC-7.5 PC-8.2 PC-8.3 | | 0 | Practice diary. |
| 4 | Processing and analysis of practice information / | 6 | 2 | UC-3.1 UC-3.2 UC-3.3 UC-4.1 UC-5.3 GPC 1.1 GPC-1.2 GPC-1.3 PC-2.1 PC-6.1 PC-7.5 PC-8.2 PC-8.3 | | 0 | |

| | | | | | | | |
|---|--------------------------|---|-----|---|--|---|---|
| 5 | Credit / Practice report | 6 | 2 | UC-3.1 UC-3.2 UC-3.3 UC-4.1 UC-5.3 GPC 1.1 GPC-1.2 GPC-1.3 PC-2.1 PC-6.1 PC-7.5 PC-8.2 PC-8.3 | | 0 | Practice diary. Report on the done practice. Oral quiz. |
| | Total | | 144 | | | | |

9. Form of attestation

During the working day, the control of the work of students is carried out by the head nurse of the department. The head of the practice monitors the compliance of the student's work assignment with the aims and objectives of the work experience and the quality of mastering skills and abilities. Formative assessment is carried out daily by monitoring the implementation of practical skills. The student keeps a diary of the work performed, certified by the head nurse of the department.

Attestation (credit) is held on the last day of practice according to the diary entries certified by the head nurse, characteristics, table of practical skills and self-analysis of the student's work.

At the final meeting the weak points of the practice are discussed, as well as recommendations for the improving them.

Summative assessment for the practice is credit

The results are assessed in a two-grading scale:

1. pass
1. fail

METHODOLOGICAL GUIDELINES FOR PRACTICE OUTCOMES ASSESSMENT

Stage I: Formative assessment.

List of questions for attestation:

Sample test points for attestation

1. The rights and duties of a procedural nurse (physician assistant), shift duty procedure.
2. Regime and internal regulations in the department or at the City Ambulance Station.
3. Tactics of a nurse (physician assistant) in case of emergency in therapeutic patients: a) an attack of asthma, an attack of cardiac asthma; b) an attack of pain in the heart; c) profuse vomiting of blood; d) syncope.
4. Help with bleeding from the nose and mucous membranes. Artificial lung ventilation and indirect heart massage. Suctioning mucus from the mouth and nose. Gastric drainage.
5. Procedure for conducting intravenous, intramuscular, subcutaneous injections, as well as for the intravenous administration of medicinal substances.
6. Rules for the patients' care with respiratory diseases.
7. Observation and care of patients with diseases of the circulatory organs (care of patients with heart failure).
8. Observation and care of patients with digestive diseases (preparing patients for instrumental methods of investigating the gastrointestinal tract).
9. Observation and care of patients with diseases of urinary organs.
10. Technique of taking blood for biochemical, immunological analysis.
11. Preparing patients for abdominal operations.
12. Basic issues of dietary nutrition in patients with a disease of internal organs and during surgical interventions.
13. Sanitary-educational activities of the procedural nurse.
14. Ethics and deontology of a procedural nurse (physician assistant).

Stage: midterm assessment (credit)

Methodological guidelines for preparation of credit

During the working day, the senior nurse of the Department supervises the work of students. The head of the Department controls the compliance of the student's work assignment with the goals and objectives of industrial practice and the quality of mastering skills and abilities. Current monitoring is carried out daily by monitoring the implementation of practical skills. The student keeps a diary of the work performed, certified by the senior nurse of the Department.

Certification (credit) according to the results of the practical training, it is held on the last day of practice according to the diary entries certified by the senior nurse, the characteristics, the table of practical skills and the student's self-analysis of the work.

At the final meeting with representatives of hospitals, discusses the shortcomings of the production practices and ways to overcome them, students reported the results of practice.

Fund of assessment tools for intermediate certification (students practice)

1. Practice diary
2. Report on the done practice
3. Oral quiz

Sample of filling out the safety instructions

SAFETY INSTRUCTIONS

| |
|--|
| Date of the briefing: _____ |
| Full name of the student (s): _____ |
| Student's signature (s): _____ |
| Full Name, position of the person who conducted the briefing: _____ |
| Signature Place of seal of the medical facility |

Sample of filling in the diary of Professional practice for obtaining professional skills and professional experience in the second year

| Date | Amount of work performed | Manager's signature |
|------------|---|---------------------|
| 07.06.20__ | Emergency - total number of calls. A brief description of the main types of duty work. Description of 1-2 clinical cases without personal data. In a medical facility - Carrying out intravenous injections (jet) in a treatment room - 8 patients. Installation of a system for intravenous infusions and carrying out intravenous drip infusions 3 patients. Intramuscular injections - 24 patients. Conducting subcutaneous injections in a treatment room - 4 patients. Disinfection of cabinet surfaces for procedures 1 time. Quartz treatment room. An example of describing one of the practical skills. | |

During the working day, the senior nurse of the Department supervises the work of students. The head of the Department controls the compliance of the student's work assignment with the goals and objectives of industrial practice and the quality of mastering skills and abilities. Current monitoring is carried out daily by monitoring the implementation of practical skills.

The table of mastering practical skills indicates the level of mastery and the frequency of performance of each skill, and is certified by the senior nurse of the Department or the head of practices from the Department.

Levels of mastery of practical skills

- I. have an idea, be professionally oriented, and know the indications.
- II. take part, evaluate.
- III. Perform under supervision.
- IV. Perform independently.

Based on the results of the practice, the student conducts a self-analysis of the work performed, which indicates the strengths and weaknesses of the practice, as well as describes recommendations for organizing the practice and planned activities to improve their skills. At the end of the introspection, students give a grade for the work done.

The final form of certification is writing and defending a practice report.

**Surgut State University
Medical Institute**

PRACTICE REPORT

Professional Practice (ward nurse assistant)

3rd year student _____ groups, specialty:

Full name _____

Practice base _____

Terms of practice _____

Total hours: 144 / 4 Zet

Safety briefing completed " ____ " _____ 20__ years

Head of practice from the Department (full name, position) _____

Head of practice from a medical organization (full name, position) _____

List of practical skills

Levels of development of practical skills: 1 - know theoretically, professionally navigate, know the indications for conducting; 2 - know theoretically, evaluate, participate in the work of medical personnel; 3 - know theoretically, perform independently.

| Name of practical skills | Recommended level | Achieved level | The actual execution (the multiplicity) |
|--|-------------------|----------------|---|
| Implementation of medical and diagnostic procedures for medical prescriptions | 4 | | |
| ensuring the operation of the treatment room and the availability of the necessary materials (regular checking of the availability of instruments, dressings, medicines, canned blood and blood substitutes) | 3-4 | | |
| adherence to the rules of infection control (compliance with standards for disinfection and sterilization, asepsis and antiseptics) | 4 | | |
| taking blood from a vein for biochemical research and sending it to the laboratory | 3-4 | | |
| timely completion of medical documents using special registration forms | 4 | | |
| adherence to the norms and rules of medical ethics (keeping medical secrets, observance of subordinate relations, clear and patient explanation of doctor's prescriptions to patients); | 4 | | |
| disinfection of treatment room surfaces | 3-4 | | |
| External drug use (applying drugs, rubbing the skin) | 3-4 | | |
| Intravenous injection technique | 3-4 | | |
| Intramuscular injection technique | 3-4 | | |
| Vein blood collection technique | 3-4 | | |
| Teaching patients the skills of correct collection of biological material for laboratory research | 3-4 | | |

In the last days of practice each student gets the records with a rating on a 4-point system:

- "Excellent – the student performs independently 90-100% of practical skills;
- "good" – the student can perform 80-89% of practical skills under control and prompting;
- "satisfactory" – performs 50-79% of practical skills;
- "unsatisfactory" - performs less than 50% of practical skills.

The reasons for the failure of the task are pointed out:

- low student activity,
- insufficient number of working places,
- skills are appropriate to the work of medical institution.

| Type of the task | Assessed competences | Assessment criteria | Grade |
|------------------|---|---|-----------|
| Oral quiz | GPC -4.1 GPC-4.2 GPC-4.3 GPC-8.1 2.1, PC 10.1 | deep knowledge of the program material, as well as the main content and innovations of the lecture course in comparison with the educational literature; knowledge of the conceptual and conceptual apparatus of the entire course; knowledge of monographic literature on the course, the ability to independently critically evaluate the main provisions of the course; link theory with practice. | Excellent |
| | GPC -4.1 GPC-4.2 GPC-4.3 GPC-8.1 | Complete knowledge of the program material; knowledge of the recommended literature, as | Good |

| | | | |
|--|---|--|----------------|
| | 2.1, PC 10.1 | well as generally correct, but not always accurate and reasoned presentation of the material. | |
| | GPC -4.1 GPC-4.2 GPC-4.3 GPC-8.1 2.1, PC 10.1 | Superficial knowledge of the most important sections of the program and the content of the lecture course; difficulties with using the scientific and conceptual apparatus and terminology of the course; there is a desire to logically clearly construct the answer, and also indicates the possibility of further training. | Satisfactory |
| | GPC -4.1 GPC-4.2 GPC-4.3 GPC-8.1 2.1, PC 10.1 | there are significant gaps in the knowledge of the main material on the program, as well as fundamental errors in the presentation of the material | Unsatisfactory |

Midterm assessment (credit) are assessed in a two-grading scale

1. «Passed»;
2. «Failed»

| Type of the task | Assessed competences | Assessment criteria | Grade |
|--|---|--|--------|
| Practice diary. Practice Report Oral quiz. | GPC -4.1 GPC-4.2 GPC-4.3 GPC-8.1 2.1, PC 10.1 | The level of knowledge meets the requirements for obtaining excellent, good and satisfactory grades. Reporting documents are provided in full. | Passed |
| | GPC -4.1 GPC-4.2 GPC-4.3 GPC-8.1 2.1, PC 10.1 | There are significant gaps in the knowledge of the main material on the program, as well as fundamental errors in the presentation of the material. Reporting documents were not provided. | Failed |

Students who are late for practice or do not show up for it on certain days, after the end of the practice, must work out all the missed hours in their free time under the supervision of the senior nurse of the Department, independently submit a diary and characteristics, a table of skills and self-analysis to the head of practices from the Department and decide whether to pass the final certification.

After conducting a test for local non-resident students, the heads of practices from the Department fill out statements and a report on the practice. The original statements are submitted to the educational and methodological part of the medical Institute, and copies are attached to the report and sent to the practice Department.

| 11. COURSE (MODULE) RESOURCES | | | | |
|-------------------------------|---|--|--|---|
| 11.1. Recommended Literature | | | | |
| 6.1.1. Core | | | | |
| | Authors | Title | Publish., year | Quantity |
| 1. | Oslopov V.N., Bogoyavlenskaya O.V. | General Care of a Patient [| М. : ГЭОТАР-Медиа, 2019. | https://www.studentlibrary.ru/book/ISBN9785970452349.html |
| 2. | Claire Boyd. Chichester : Wiley-Blackwell. | Boyd, Claire Boyd. Clinical Skills for Nurses [Text] / | A John Wiley & Sons, Ltd., Publication, cop. 2013. 212 p. : ill. (| Student Survival Skills Series) . |

| | | | | |
|---|--|--|---|--|
| 3. | D. Hagler ; Sharon L. Lewis [et al.] ; Prepared by Debra Hagler. 10th Edition | Clinical Companion to Medical-Surgical Nursing [Text] : Assessment and Management of Clinical Problems | / . Amsterdam : Elsevier, cop. 2017. 804, [1] p. : ill. | |
| 6.2. Internet resources | | | | |
| 6.3.1 Software | | | | |
| 6.3.1.1 | Operational system Microsoft, applied programs pack Microsoft Office | | | |
| 6.3.1.2 | Internet access (Wi-Fi) | | | |
| 6.3.2 Information Referral systems | | | | |
| 6.3.2.1 | E-data bases: ПФБ, Orbicon, Medline. | | | |
| 6.3.2.2 | Student Consultant http://www.studmedlib.ru | | | |

12. SPECIAL CONDITIONS OF THE EDUCATIONAL PRACTICE, PRIMARY PROFESSIONAL AND RESEARCH SKILLS PRACTICE FOR INDIVIDUALS WITH DISABILITIES

For persons with disabilities, the procedure for passing the internship takes into account the state of health and the requirements of regulatory documents.

- STO-2.6.16-17 "Organization of the educational process for people with disabilities and people with disabilities."

The heads of the departments ensure the choice of places for passing industrial practice for the disabled and people with disabilities, taking into account the requirements of accessibility for these students. When determining the places of educational and industrial practice, it is necessary to take into account the recommendations, data based on the results of medical and social expertise, contained in the individual rehabilitation program for a disabled person, regarding the recommended conditions and types of work. When sending a disabled person and a student with disabilities to a specialized organization for the internship provided by the curriculum, the University agrees with the organization enterprise) conditions and types of work, taking into account the recommendations of medical and social expertise and an individual rehabilitation program for a disabled person. If necessary, special jobs can be created for the internship in accordance with the nature of the violations, as well as taking into account the professional type of activity and the nature of the work performed by the disabled student of labor functions. For people with disabilities and people with disabilities, the form and methods of practice are established taking into account the characteristics of their psychophysical development, individual capabilities and health status.

The University creates special conditions for people with disabilities and people with disabilities to receive the opportunity to master the educational program of higher education in full, while creating special conditions. Special conditions are understood as training conditions for disabled people and people with disabilities, including:

- the use of individual curricula of educational programs, methods of teaching and upbringing,
- special textbooks, teaching aids and didactic materials, special technical training aids for collective and individual use,
- provision of the services of an assistant (assistant) who provides students with the necessary technical assistance, group and individual correction classes,
- providing the opportunity to undergo an internship in the building of the University and organizations that have access for disabled people and persons with disabilities to the trainee's workplace and other conditions, without which it is impossible or difficult for people with disabilities and persons with disabilities to undergo an internship.

When determining places of practice for people with disabilities and people with disabilities, the recommendations of the medical and social expertise, reflected in the individual rehabilitation program for a disabled person, regarding the recommended conditions and types of work, should be taken into account.