ESTABLISHMENT OF EDUCATION
"VITEBSK STATE ORDER OF PEOPLES' FRIENDSHIP
MEDICAL UNIVERSITY"

"APPROVE"
The vice-rector
of training and international contacts
of establishment of education
"Vitebsk state order of peoples' friendship medical university",
professor
N.U. Konevalova

"№ 2015 September 2015
Registration № 6, 013

PROGRAM OF EDUCATION PRACTICE
ON THE CARE OF PATIENTS

1-79 01 01 Medical business

2015
It was discussed and recommended to approval as the work variant at the meeting of the department of internal diseases propedeutics (protocol № 1. at 31.08.2015 yr.)

It was approved and recommended to affirmation by Council of General Medicine Faculty of the Vitebsk State Order of Peoples' Friendship Medical University (protocol № 4. at 09.09.2015 yr.)
EXPLANATORY NOTE

Educational practice as assistant of medical sister is oblige shape of training students of medical faculty on speciality "General Medicine" 1-79 01 01.

Program of "Educational practice on the care of patients" for students of medical faculty is developed and prepared in accordance with the following regulations: Educational standard of higher education in the specialty 1-79 01 01 "General Medicine" (OCBO 1-79 01 01-2013), approved and put into effect by the decision of Education Ministry of Republic of Belarus at 08.30.2013 year, № 88; and Model curriculum for speciality 1-79 01 01 "General Medicine " (registration № L 79-1-001 / typ.), approved by the First Deputy Minister of Education of Republic of Belarus at 05.30.2013 year; and in accordance with the Resolution of the Council of Ministers on June 3, 2010 № 860 "On Approval of the practice of students, cadets, listeners" with the additions of Council of Ministers Belarus dated August 22, 2013 № 736.

The aim of educational practice - to consolidate the theoretical knowledge and the formation of skills on the subject "Bases of general care (therapy) ", development of primary skills in their chosen profession.

Objectives of the training practice:
- acquaintance with the structure and organization of hospital Health Organization;
- the study of the structure and organization of the admission and the therapeutic departments;
- acquaintance with the requirements of sanitary and anti-epidemic regime in health care organizations;
- study and securing in practice the main provisions of regulations to ensure microclimate and hygienic regime at the therapeutic profile departments;
- acquisition of skills for hygienic care of patients;
- acquisition of skills on organization of clinical nutrition for patients;
- understanding basic principles on organization of the nursing staff work.

Educational practice on the care on the care of patients (therapy) will be held in 4-th semester of 2-year during 54 hours (9 days). The implementation of the content of the program of educational practice on the care of patients (therapy) takes the form of guided independent work of students in therapeutic departments of health organizations, including two evening duty and abstract writing.

During practice, students work under the direct supervision of the teacher - the head of the practice of the university department.

Requirements for the content and organization of practice
During educational practices the following competence of the specialist are formed and developed:

academic:
- be able to apply basic scientific and theoretical knowledge to solve theoretical and practical problems;
- to own the system and comparative analysis;
- be able to work independently;

social and personal:
- Possess the qualities of citizenship;
- Be capable of social interaction;
- Have the ability to interpersonal communications;
- Have the skills of health preservation;
- Be capable of self-criticism and criticism;
- Be able to work in a team;

**Professional** - specialist should be able to:
- To apply the knowledge about the structure and function of the body in health and disease;
- Use knowledge of general and special disciplines to preserve their own health and healthy lifestyles;
- To provide medical care for common diseases, injuries, disorders, including urgent and life-threatening condition of the patient;
- Apply the skills of professional conduct (deontology), know and observe the rules of medical ethics;
- To plan and organize diagnostic and treatment measures for diseases and injuries, including in cases of massive influx of patients.

**CONTENTS OF EDUCATIONAL PRACTICE**

Section 1. Structure and organization of the standard medical and preventive organization. **Regime and microclimate of the Health Organisation.**

Introducing the structure and organization of the hospital. Organization of work to ensure the health-protective and sanitary-hygienic and anti-epidemic regime.

Acquaintance with the equipment and organization of the therapeutic department, the internal rules of the medical department. The study of normative documents regulating requirement to comply with sanitary-hygienic and anti-epidemic regime of therapeutic department. Providing normal microclimate in the wards for patients of therapeutic profile. Organization of the regime visiting patients.


additions to the Sanitary rules and norms 2.1.7.14-20- 2005 "Rules for the Treatment of medical waste."

Section 2. Organization of the admissions department.

Acquaintance with the equipment and organization of the admission department. Anti-epidemic regime of the admission department. Securing the main provisions of the Decree № 107 of the Ministry of Health of the Republic of Belarus of 10.28.2013 Sanitary regulations "Sanitary-epidemiological requirements to healthcare organizations, providing medical services, including cosmetics, as well as the organization and conduct of sanitary and anti-epidemic measures for the prevention of infectious diseases in health care organizations".


Carrying sanitary cleaning patients. Transportation of patients in the medical departments of the hospital.

Section 3. Observation and hygienic care of patients with deficiency of self-service and febrile patients.

Assessment of the state of consciousness. Determination of the patient's position in bed. Examination of the skin and visible mucous membranes. Assessment of the general state of the patient.

Moving the patient, taking into account the biomechanics of the body of the patient and the nurse. Giving the patient a comfortable position in bed with the rules of biomechanics. Monitoring the implementation of the regime of motor activity. Work with functional bed.


Care and observation of elderly patients.


Section 4. Acquaintance with the nutrition of patients.

Organization of clinical nutrition at the hospital. The procedure of food distribution. Feeding critically ill patients, debilitated patients, and elderly patients who are on the bed regime. Disinfection and washing dinnerware.

Section 5. Observation and hygienic care of patients with respiratory diseases.

Care for patients with respiratory diseases. Observation of breathing, coughing and character of sputum. Counting the number of respiratory movements.

Patient education and support for the use of individual inhaler.
Giving the patient humidified oxygen through nasal catheter, nasal cannula, mask. Giving the patient the drainage position.
Learning patients the rules of individual spittoon use. Disinfection of spittoons.

Section 6. Observation and hygienic care of patients with diseases of the circulatory system.

Section 7. Observation and hygienic care of patients with diseases of the digestive system.
Maintenance and monitoring of patients with vomiting. Gastric lavage with a thick gastric tube, taking the wash water for the study.
Maintenance and monitoring of patients with flatulence. Introducing colonic tube.
Maintenance and monitoring of patients with diarrhea, constipation, fecal incontinence.
Disinfection of medical devices and used material.

Section 8. Observation and hygienic care of patients with diseases of the kidneys and urinary tract.
Measurement of daily diuresis and its registration.
The aid to the patient at urination disorders. The aid in acute urinary retention, call of reflex to urination.
Observation and care of patients with urinary incontinence. Giving urinal.
Disinfection of medical devices and used material.

Section 9. Observation and hygienic care of patients in extreme and terminal state.
Complex methods of monitoring and care of patients in intensive care. Care for the dying people. Ascertaining the death, legal and ethical standards of treatment of the corpse.

EDUCATIONAL-METHODICAL CHART

Statements of students
During the practice under the supervision of the head of the practice of the department the student carries out the program of practice and reflects the way of its implementation in the diary of practice developed by the Department of Internal Medicine Propaedeutics in accordance with the practice program.
The student conducts the diary every day, in which the student fixes all the work during working hours with its precise description and describes personal involvement in the treatment process. Diary is checked daily and signed by the department head of practice.
At the end of the diary the student writes a report on the implementation of the program of practice, summarizes the practical skills. Report is signed by student and head of the practice of the department.
The report should contain the list of mastered skills to their level of development (1, 2 or 3).

**Recommended minimum of practical skills**
for the period of practice on the care of patients (therapy)

<table>
<thead>
<tr>
<th>№</th>
<th>Practical skills</th>
<th>Recommended number</th>
<th>Level of mastering</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Hygienic hand antisepsis</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>2.</td>
<td>Preparation of working solutions of disinfectants</td>
<td>3-5</td>
<td>3</td>
</tr>
<tr>
<td>3.</td>
<td>Current cleaning premises of the health care organi­zation</td>
<td>10-15</td>
<td>3</td>
</tr>
<tr>
<td>4.</td>
<td>General cleaning premises of the health care organi­zation</td>
<td>1-2</td>
<td>3</td>
</tr>
<tr>
<td>5.</td>
<td>Disinfection of the medical devices and articles</td>
<td>12-15</td>
<td>3</td>
</tr>
<tr>
<td>6.</td>
<td>Presterilizing clearing medical devices of multiple use</td>
<td>3-5</td>
<td>2</td>
</tr>
<tr>
<td>7.</td>
<td>Packing of medical products for sterilization.</td>
<td>3-5</td>
<td>2</td>
</tr>
<tr>
<td>8.</td>
<td>Quality control of presterilizing cleaning medical de­vices of multiple use</td>
<td>3-5</td>
<td>2</td>
</tr>
<tr>
<td>9.</td>
<td>Control of sterility quality of medical devices</td>
<td>3-5</td>
<td>2</td>
</tr>
<tr>
<td>10.</td>
<td>Examination of the patient for pediculosis and scabies. Sanitization in identifying pediculosis.</td>
<td>3-5</td>
<td>2</td>
</tr>
<tr>
<td>11.</td>
<td>Sanitization in identifying pediculosis.</td>
<td>1-2</td>
<td>1</td>
</tr>
<tr>
<td>12.</td>
<td>Sanitary cleaning a patient</td>
<td>3-5</td>
<td>3</td>
</tr>
<tr>
<td>13.</td>
<td>Anthropometric measurements</td>
<td>5-8</td>
<td>3</td>
</tr>
<tr>
<td>14.</td>
<td>Transportation of a patient in medical departments of a hospital</td>
<td>8-10</td>
<td>3</td>
</tr>
<tr>
<td>15.</td>
<td>Moving a patient</td>
<td>5-8</td>
<td>3</td>
</tr>
<tr>
<td>16.</td>
<td>Change of bed linen for patients with deficiency of self-service</td>
<td>5-8</td>
<td>3</td>
</tr>
<tr>
<td>17.</td>
<td>Change of underwear for patients with deficiency of self-service</td>
<td>5-8</td>
<td>3</td>
</tr>
<tr>
<td>18.</td>
<td>Toilet of eyes, nose, external acoustic meatus</td>
<td>2-3</td>
<td>3</td>
</tr>
<tr>
<td>19.</td>
<td>Hygienic care of oral cavity</td>
<td>2-3</td>
<td>3</td>
</tr>
<tr>
<td>20.</td>
<td>Prevention of diaper rash (intertrigo)</td>
<td>3-5</td>
<td>3</td>
</tr>
<tr>
<td>21.</td>
<td>Complex prevention of bedsores</td>
<td>3-5</td>
<td>3</td>
</tr>
<tr>
<td>22.</td>
<td>Giving bedpan</td>
<td>5-8</td>
<td>3</td>
</tr>
<tr>
<td>23.</td>
<td>Giving urinal</td>
<td>8-10</td>
<td>3</td>
</tr>
<tr>
<td>24.</td>
<td>Toilet of external genitalia</td>
<td>3-5</td>
<td>3</td>
</tr>
<tr>
<td>25.</td>
<td>Organization of dietary nutrition of patients, feeding patients</td>
<td>5-8</td>
<td>3</td>
</tr>
<tr>
<td>26.</td>
<td>Taking body temperature and registration of obtained data in the temperature chart</td>
<td>20-25</td>
<td>3</td>
</tr>
</tbody>
</table>
Levels of development of practical skills:
1 – student knows theory, professionally orientates, knows indications for medical procedures;
2 – student knows theory, estimates, takes part in the work of medical staff;
3 – student knows theory, performs independently practical skills.

In the absence of conditions for the development of skills at the health care organization, the student should master practical skills according to the level 1.

**Forms of practice control**

The supervisor of practice from the internal diseases propedeutics department conducts interviews with the students, which discusses all the questions that have arisen during the work, estimates correct implementation of practical skills, knowledge of the basic regulations for the medical-protective and of sanitary-antiepidemic regime of hospital therapeutic departments, prevention of nosocomial infections, correctness of medical documentation formulation. The interview should be aimed to checking the degree of development of practical skills and opportunities for their self-fulfillment.

Supervisor of practice from the internal diseases propedeutics department attracts students to the works under the program of practice, controls the correctness of daily diaries.

**Summation of practice**

During the last week of practice the student writes report on the implementation of the practice program. The report must be signed by the student. The report shall contain information on the work performed by the student during practice, and all materials that reflects the content of sections of the program practice, schedule and individual task.
During the practice, each student performs GIWS (guided independent work of students), which is made in the form of the abstracts on the topic proposed by the teacher. Recommended topics of abstracts are given in Appendix 1.

The final control includes checking the implementation of the practice program in the form of an individual report (according to the example) and the presented results of GIWS (support of abstract).

Appendix №1

**Recommended topics of GIWS (educational-research work):**

1. Sanitary-antiepidemic regime of the admission department. Normative documents regulating sanitary-antiepidemic regime. Organization of work at the admission department. Duties of the nurse (medical sister) of the admission department. Types of medical records (documentation) of the admission department.


8. The rules of preparation of patients to different types of laboratory and instrumental methods of research. Rules of filling documentation. Requirements for laboratory utensils.


12. Levels of processing the hands of medical personnel. Requirements to the hands of medical personnel. Modern skin antiseptics in the anti-epidemic measures, their characteristics.
13. Complications arising after parenteral administration of drugs. The role of the nurse in the prevention of complications.
16. The main types of health care institutions such as outpatient and inpatient. Structure, functions.
17. The art of communication with patients and their relatives. Deontological requirements to person of nurse.
18. Care and monitoring of patients of elderly and senile age.

Appendix 2

Duties of Students taking practice

Arrive in due time at the place of practice, pass instructing on the protection of labor, be acquainted with the internal rules of the health care institution, should have a paper on medical examinations.
Obtain and study the program of practice and individual task.
Comply with the rules of the internal labor regulations of the health care institution.
Learn and follow the rules of labor protection and safety.
Be responsible for the work and its results equally with staff members.
Qualitatively and fully perform tasks according to the program of practice.
Every day keep a diary to record all performed work.
Actively participate in the public life of the organization.
Present report on the implementation of all tasks of practice and GIWS (abstract) to the practice supervisor in due time.
Demonstrate careful attention to the patients and staff of health care institution, observe the principles of professional ethics and deontology.

INFORMATIONAL-METHODICAL MATERIALS

Basic literature
7. English-Russian thematic dictionary of propedeutics of internal diseases and
general care of patients)/ Л.М. Немцов, под. ред. Г.И. Юлатова, – Витебск:
ВГМУ, 2006. – 175 с.

Additional literature
1. Инструкция №113 -0801 Главного государственного санитарного врача
Республики Беларусь от 05.09.01 «Гигиеническая и хирургическая анти-
септика кожи рук медицинского персонала».
2. Приказ № 165 Министерства здравоохранения Республики Беларусь от
25.11.2002 «О проведении дезинфекции и стерилизации учреждениями
здравоохранения».
3. Приказ № 351 Министерства здравоохранения Республики Беларусь от
16.12.1998 «О пересмотре ведомственных нормативных актов, регла-
ментирующих вопросы по проблеме ВИЧ / СПИД.
4. Приказ №477 Министерства здравоохранения Республики Беларусь от
29.08.05 «Об усилении мероприятий по профилактике эпидемического
сыпного тифа и борьбе с педикулезом».
5. Приказ № 792 Министерства здравоохранения Республики Беларусь
от 01.10.2007 «Об утверждении форм первичной медицинской доку-
ментации в организациях здравоохранения, оказывающих стационар-
ную помощь».
6. Постановление №107 Министерства здравоохранения Республики Бела-
русь от 28.10.2013 Санитарные нормы и правила «Санитарно-
эпидемиологические требования к организациям здравоохранения, ока-
занию медицинских услуг, в том числе по косметологии, а также к орга-
низации и проведению санитарно-эпизоотических мероприятий
по профилактике инфекционных заболеваний в организациях здраво-
охранения».
7. Постановление №51 Министерства здравоохранения Республики Бела-
русь от 28 декабря 2004 «Об утверждении Инструкции о порядке при-
обретения, хранения, реализации и использования наркотических
средств и психотропных веществ в медицинских целях».
8. Постановление №135 Министерства здравоохранения Республики Бела-
русь от 29.08.08 «Об утверждении инструкции об организации диетиче-
ского питания в государственных организациях здравоохранения».
9. Постановление №147 Главного государственного санитарного врача
Республики Беларусь от 20.10.05 Санитарные правила и нормы 2.1.7.14-
20-2005 «Правила обращения с медицинскими отходами».
10.Постановление №207 Главного государственного санитарного врача
Республики Беларусь 01.12.2008 «О внесении изменений и дополнений
в Санитарные правила и нормы 2.1.7.14-20-2005 «Правила обращения с
медицинскими отходами».
11. Постановление № 11 Министерства здравоохранения Республики Беларусь от 06.02.2013 г. «Об утверждении Санитарных норм и правил «Требования к организации и проведению санитарно-противоэпидемических мероприятий, направленных на предупреждение возникновения и распространения вирусных гепатитов».
12. Приказ № 597 Министерства здравоохранения Республики Беларусь от 02.06.2014 «Об утверждении Перечня основных манипуляций, необходимых для формирования профессиональных компетенций по специальности 2-79 01 31 «Сестринское дело».
13. Методические указания МУ 90-9908 «Контроль качества стерилизации изделий медицинского назначения». 