EDUCATIONAL PLAN PRACTICE
«AS NURSE ASSISTANT»

Qualification (major) _______________ 31.05.01 "General Medicine".
 QUALIFICATION CODE, FULL NAME

Medical faculty of them. T. Z. Biktimirov

The course second

Method and form of practice (in accordance with Federal state educational standard): stationary, the type – clinical, independent work of students under the supervision of the teacher.

Information about developers:

<table>
<thead>
<tr>
<th>Full name</th>
<th>Abbreviation of Department</th>
<th>Academic, degree, title</th>
</tr>
</thead>
<tbody>
<tr>
<td>Savonencova L.N.</td>
<td>Propedeutics of internal diseases</td>
<td>PhD, professor</td>
</tr>
<tr>
<td>Gnoevikh V.V.</td>
<td>Propedeutics of internal diseases</td>
<td>Head of Department Docent PhD, senior Lecturer</td>
</tr>
<tr>
<td>Smirnova Anna Yu.</td>
<td>Propedeutics of internal diseases</td>
<td>PhD, senior Lecturer</td>
</tr>
<tr>
<td>Chernova N.G.</td>
<td>Propedeutics of internal diseases</td>
<td></td>
</tr>
</tbody>
</table>

Date of introduction into the academic process at Ulyanovsk State University __24.04.2016__

Revised at the Department meeting, Record No. __2__ of __18.06.2016__

Revised at the Department meeting, Record No. __2__ of __18.06.2016__

Revised at the Department meeting, Record No. __11__ of __20.06.2016__

Revised at the Department meeting, Record No. __20__

AGREED

Department chair

(Full name)

Signature

04.04.2016
1. The course aims and objectives

**Aim of the Course:** developing the general professional competences necessary for working the nurse.

**Objectives:**
- to administer the medical documentation nurse;
- to administer not invasive parenteral ways of introduction of drugs;
- to know principles patients care and to know first pre-medical aid;
- to administer of medical devices for medical aid.

2. Place of the course in the curriculum

The program B2.P.2, Course of medical practice «Nurse assistant» is made in accordance with the requirements of the federal state educational standard of higher professional education for specialty 31.05.01 "General Medicine" (level the expert) and refers to the unit of practice B2 «Practice, including scientific research work». Course of medical practice «Nurse assistant» is carried out in the 4th semester (course 2).

Practice “Junior medical staff assistant” (2st semester of 1st year) are the previous discipline necessary for studying of this course.

Course of medical practice «Nurse assistant» is basis for course of medical practice «Procedural nurse assistant» - 6th semester (course 3).

3. Proposed results:

The course is aimed at the following competences:

<table>
<thead>
<tr>
<th>№ п/п</th>
<th>Index of the competences</th>
<th>The contents of the competences</th>
<th>As a result of the training practice course the student must know</th>
<th>able to</th>
<th>own to</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>GPC-6</td>
<td>The willingness for conducting the medical documentation</td>
<td>Medical documentation nurse (sheet prescribing, book of movement of patients, notebook transfer duty, log-book of strong and narcotic drugs etc.).</td>
<td>- to carry out sample of prescribing of a list prescribing; - to fill in book of movement of patients, notebook transfer duty, log-book of strong and narcotic drugs; - to administer the therapeutic diets; - to fill in the temperature lists.</td>
<td>Conducting of the medical documentation and nurse</td>
</tr>
<tr>
<td>2.</td>
<td>GPC-8</td>
<td>The willingness for medical application of drugs and other</td>
<td>- the technique of dripping drops or applying ointment into the ears, eyes, nose; - the rules applying and cleaning of nebulizers; - dripping drops or applying ointment into the ears, eyes, nose; - the skill of applying nebulizers;</td>
<td>The methods not invasive parenteral and enteral ways of introduction of drugs</td>
<td></td>
</tr>
<tr>
<td>substances and their combination s at the decision of professional problems</td>
<td>- the rules applying and cleaning the aerosol and dry powder inhaler; - the rules of storage and discharge of medicines for oral use; --the technique of drug administration with the help enema.</td>
<td>- to apply pocket aerosol and dry powder inhaler; -to store, set out, distribute of medicines for oral use; - administering cleansing and medicinal enema.*</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>---</td>
<td>---</td>
<td>---</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>3. GPC-10</strong> The willingness to organize patients care and provide primary pre-hospital health care</td>
<td>- features of work of admissions office and specialized care units; - methods of sanitary treatment of patients in the emergency department; - methods of the treatment of patients with lice; - method of weighting patients, measuring height and recording indicators; -the rules and methods of transporting patients to the hospital; - the technique of counting the respiratory movements of the patient; - the technique of assessing radial pulse; - the technique of thermometry, care for febrile patients; - general and routine cleaning in the therapeutic Department; - the importance of dietary in medical activities to recovery patients, types of therapeutic diets and the importance of proper nutrition in patient’s recovery ; - methods of toilet of mouth, eyes, ears, nasal and</td>
<td>- to carry out sanitary treatment of patients in the emergency department; - to carry out the treatment of patients with lice; -to carry out anthropometry; - to transport patients to the hospital; -to quantify respiratory motion and to estimate the result; -investigate the pulse on peripheral arteries; - to carry out general and routine cleaning in the therapeutic Department; -to conduct the simplest physical therapy manipulation; -care of patients with urinary</td>
<td>- to care patients with internal organs diseases; -to provide primary pre-hospital health care.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
|oral cavities in severely ill;  
- ways of changing of underwear and bed linen of bedridden patients.  
- methods of the care of patients with urinary incontinence;  
- methods of the prevention of bedsores;  
- the technique of the simplest physical therapy manipulation;  
- the technique of the gastric lavage;  
- methods of oxygen therapy;  
- first aid for bronchial asthma attack;  
- first aid for pulmonary bleeding;  
- first aid in vomiting;  
- the technique of cardiopulmonary resuscitation (CRP);  
- the signs of clinical and biological death, the rules of post-mortem care;  
- laboratory diagnostic methods;  
- methods of collection of sputum, vomit, stool, urine for laboratory diagnostics;  
- the preparations for x-ray and endoscopic methods of investigation.  
- care for febrile patients;  
- carry out gastric lavage;  
- carry out toilet mouth, eyes, ears, nasal and oral cavities in severely ill;  
- change underwear and bed linen in severely ill;  
- to carry out oxygen therapy;  
- perform first aid for bronchial asthma attack;*  
- perform first aid for pulmonary bleeding;*  
- perform first aid in vomiting;  
- performing CPR;*  
- administer artificial respiration and to assess its effectiveness;*  
- collecting urine, sputum, vomit for laboratory tests  
- collect urine specimen: general urine sample, urine screens by Zinnizkiy and Nechiporenko;  
- prepare the patient
4. Place and date of the practice
1. Public health Agency Ulyanovsk regional clinical hospital
2. State healthcare institution "Central clinical mediko- sanitary part of a name of V. A. Egorov
3. Public health Agency Ulyanovsk regional clinical center of specialized types of medical care
4. State healthcare institution "Central city clinical hospital"
5. Public health Agency Ulyanovsk regional clinical cancer center
6. Public health Agency Ulyanovsk regional clinical Hospital of Veterans of Wars

Date: 4nd semester of 2 course.

5. Content of Practice
The total complexity of course is 3 credit points (108 hours).

6. **The structure and Workload**

<table>
<thead>
<tr>
<th>№ п/п</th>
<th>Name of sections</th>
<th>The form of practice, including independent work</th>
<th>Quantity of Hours</th>
<th>The form of control</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>Administration of the medical documentation</td>
<td>Work in the admissions office and specialized care units</td>
<td>8</td>
<td>Control of the filling of the diary</td>
</tr>
<tr>
<td>II</td>
<td>Reception of patients and transporting patients to the hospital;</td>
<td>Work in the admissions office</td>
<td>16</td>
<td>Control of the filling of the diary</td>
</tr>
<tr>
<td>III</td>
<td>General care of the patients</td>
<td>Work in specialized care units</td>
<td>36</td>
<td>Control of the filling of the diary</td>
</tr>
<tr>
<td>IV</td>
<td>Preparing patients for therapeutic instrumental research and collecting of biological material for laboratory research</td>
<td>Work in specialized care units</td>
<td>16</td>
<td>Control of the filling of the diary</td>
</tr>
<tr>
<td>V</td>
<td>Not invasive parenteral ways of introduction of drugs</td>
<td>Work in specialized care units</td>
<td>16</td>
<td>Control of the filling of the diary</td>
</tr>
<tr>
<td>VI</td>
<td>First aid</td>
<td>Work in the admissions office and specialized care units</td>
<td>8</td>
<td>Control of the filling of the diary</td>
</tr>
<tr>
<td>VII</td>
<td>Handling and preparing to use medical devices stipulated order of rendering of medical aid</td>
<td>Work in the admissions office and specialized care units</td>
<td>8</td>
<td>Control of the filling of the diary</td>
</tr>
<tr>
<td></td>
<td><strong>Total</strong></td>
<td></td>
<td><strong>108</strong></td>
<td></td>
</tr>
</tbody>
</table>

7. **Scientific research technologies:** not provided.

8. **Interim certification** is carried out in the form of differentiated credit.

9. **Course resources**

**List of recommended literature:**

a) Core reading

1. Rosdahl C., Kowalski M. Textbook of Basic Nursing // Lippincott Williams & Wilkins® 2011;
b) Supplementary reading
1. Anne Griffin Perry, Patricia A. Potter Clinical Nursing Skills and Techniques//Publis Date 2009;

c) database, directory and search engine
1. Electronic catalogue of the library of USU.
2. ABS "IPRbooks" (www.iprbookshop.ru).
3. ELS "Consultant of a student" (www.studmedlib.ru).

10. Material support of discipline
1. Two methodical stands on the general care of the patients.
2. Educational films on questions of a medical practice.

Progress tests
of the discipline «Nurse assistant»

1. First aid in pulmonary hemorrhage:
A). Take advantage of a handheld inhaler.
B). To give an elevated position.
C). To provide a horizontal position.
D). Ice pack on the chest.
E). A heating pad on the chest.

2. Basic resuscitation measures in clinical death:

A. Intravenous injection of strophanthin.
B. Closed cardiac massage.
C. Intravenous administration of prednisolone.
D. Artificial respiration.
E. Intramuscular kordiamina.

3. How to properly provide oxygen to the patient:
A. Directly from the container.
B. Through the reducer.
C. Oxygen moistened with alcohol
D. Through the mouthpiece.
E. Through a nasal catheter.

4. Types of compulsory medical documentation to the nurse:
A. Journal of patients admission.
B. Notebook transfer duty.
C. The history of the disease.
D. The temperature of the notebook.
E. Sheet prescribing

5. Contraindications for staging bladder with ice:
   A. bruises, in the early hours
   B. bleeding
   C. II period of fever

6. Contraindications for use are warmer:
   A. acute appendicitis
   B. buncomplicated peptic ulcer
   C. renal colic
   D. acute cholecystitis

7. What symptoms are signs of biological death:
   A. cessation of breathing
   B. cessation of cardiac activity
   C. the appearance of cadaveric spots
   D. lowering of body temperature below 20
   E. the appearance of rigor Mortis.

8. In diseases of the kidney (pyelonephritis, glomerulonephritis) with prescribed diet:
   A. Diet 7
   B. Diet 2
   C. Diet 4
   D. Diet 10

9. Urinalysis by Zimnicky is used to determine:
   A. the amount of sugar, acetone
   B. the number of corpuscles, bacteria
   C. the presence of urobilin, bile pigments
   D. to assess the concentration of kidney function

10. Indications for gastric lavage:
    A. food poisoning.
    B. poisoning by medications taken internally.
    C. ulcer bleeding.
    D. bloating.
11. In diseases of the cardiovascular system prescribed diet:
   A. Diet 1
   B. Diet 2
   C. Diet 4
   D. Diet 10

12. Barium enema is:
   A. X-ray contrast study of the colon.
   B. Contrast study of the small intestine.
   C. Endoscopic examination of the rectum and Sigma.
   D. Radiopaque study of the gallbladder.

13. When conducting a cleansing enema, the patient should lie:
   A. On the back.
   B. On the right side.
   C. On the left side.
   D. On the belly.
   E. Accept any comfortable position for the patient.

14. The cough happens in diseases:
   A. Lungs.
   B. Nose.
   C. Some diseases of the heart.
   D. Kidney.
   E. The liver and gallbladder.

15. The Bobrov's apparatus is used for:
   A. Pre-sterilization processing of medical instruments.
   B. Humidification of oxygen for oxygen therapy.
   C. Immobilization of the limb in fractures.
   D. Sterilization of the medical equipment.

16. What are the signs of pulmonary bleeding?
   A. blood red, frothy;
   B. dark blood, clots type "coffee grounds"
   C. the blood coming out is alkaline
   D. the blood coming out is acidic
   E. emission of blood by coughing

17. Contraindications to the formulation of cleansing enemas
   A. intestinal bleeding
   B. flatulence
C. preparation for childbirth
D. the absence of the feces for more than two days (constipation)

18. Enteral administration of drugs
A. through the digestive tract
B. through the respiratory tract
C. intradermally
D. on the skin

19. What is required for performances cleansing enemas:
A. Rubber bulb.
B. Water at room temperature.
C. Sunflower oil.
D. Bedpan.
E. The oilcloth.

20. What do you need for gastric lavage:
A. A thin probe.
B. Fat tube.
C. Squirt.
D. Glass funnel.
E. A jug of water.
F. Bucket.

21. Pulse rate normal:
A. 50-60 beats per 1 minute.
B. 60-70 beats per 1 minute.
C. 80-90 beats per 1 minute.
D. 60-80 beats per 1 minute.
E. 70-90 beats per 1 minute.

22. What are the bounds of normal fluctuations in blood pressure in people over the age of 25 years (the WHO standards):
A. Systolic 105-130 mm Hg. article
B. Systolic 100-145 mmHg. article
C. Systolic 100-120 mm Hg. article
D. Diastolic 60-85 mm Hg. article
E. Diastolic 60-94 mm Hg. Article

23. Types of sanitary treatment of patients:
A. Local.
24. How to transport a patient with myocardial infarction in the Department:
A. On foot, accompanied by nurses.
B. By elevator.
C. Transportation on a stretcher
D. On the wheelchair.

25. What solution is used for the prevention of bedsores:
A. Solution of rivanol.
B. Camphor spirit.
D. Solution alcohol.

**10. Papers** - not provided.
**11. The diary** for practice gives out individually to each student before practice.

### 12. THE LIST OF PRACTICAL SKILLS
*(indicating the level of learning)*

<table>
<thead>
<tr>
<th>№</th>
<th>Name of the skill</th>
<th>Observed</th>
<th>Take part</th>
<th>Completed independently</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Administration of the medical documentation nurse</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2.</td>
<td>Sanitary treatment of patients in the emergency department</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3.</td>
<td>Treatment of patients with lice</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4.</td>
<td>Anthropometry</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5.</td>
<td>Transportation of the sick</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>6.</td>
<td>Thermometry, care for febrile patients</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>7.</td>
<td>Production of dry and wet compresses, banks, heating pad</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>8.</td>
<td>The use of the bladder with ice and warmer</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>9.</td>
<td>Counting the respiratory movements of the patient</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>10.</td>
<td>Assessing arterial pulse of his performance</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>11.</td>
<td>Measuring blood pressure</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>12.</td>
<td>The care of patients with urinary incontinence</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>13.</td>
<td>Cleansing enemas</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>14.</td>
<td>General and routine cleaning in the</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>---</td>
<td>---</td>
<td>---</td>
<td>---</td>
<td>---</td>
</tr>
<tr>
<td><strong>therapeutic Department</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>15.</strong> Toilet mouth, eyes, ears, nasal passages in severely ill</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>16.</strong> Change underwear and bed linen in severely ill;</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>17.</strong> Preparing patients for therapeutic instrumental research (ultrasound examination of abdominal cavity, kidney and bladder)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>18.</strong> Preparing patients for endoscopic methods of investigation</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>19.</strong> Preparing patients for x-ray of digestive organs and kidney</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>20.</strong> Collecting urine specimen: general urine sample</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>21.</strong> Collecting urine specimen: urine screens by Zimmizkiy</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>22.</strong> Collecting urine specimen: urine screens by Nechiporenko</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>23.</strong> Collecting sputum for laboratory research</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>24.</strong> Collecting vomit, feces for laboratory research</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>25.</strong> Storage, folding and distribution of medicines for oral use</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>26.</strong> Dripping drops or laying ointment into the ears, eyes, nose</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>27.</strong> The use of aerosol and dry powder inhalers</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>28.</strong> The use of nebulizers</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>29.</strong> Medicinal enemas</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>30.</strong> Gastric lavage</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>31.</strong> Feed-motion oxygen</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>32.</strong> First aid for bronchial asthma attack</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>33.</strong> First aid for pulmonary bleeding</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>34.</strong> First aid in vomiting</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>35.</strong> Administering artificial respiration</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>36.</strong> Chest compressions</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>37.</strong> Statement of clinical and biological death the rules the treatment of the corpse</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>38.</strong> Handling of thermometers, scapulas, pans</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>39.</strong> Refinement and storage catheters, urinals, tips for enema, probes</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Signature of the developer

______________________________

(Full name)
Signature of the developer __________________________(Full name)

Signature of the developer __________________________(Full name)

Signature of the developer __________________________(Full name)