

**ANNOTATION OF WORKING PROGRAMS FOR INDUSTRIAL PRACTICES**

**P. 01. "CARE FOR SOMATIC AND SURGICAL PATIENTS"**

**1 COURSE 2 semester**

**Total labor intensity: 1 credit (30 hours)**

**Working day duration - 6 hours**

**Control type: certification**

**The purpose of industrial practice:** Formation of practical skills and abilities required in the care of surgical and somatic patients.

**Industrial practice tasks:**

- familiarizing students with the structure and principles of organizing the work of a medical and preventive institution;
- formation of professional basic knowledge necessary for the activities of a junior nurse;
- obtaining and consolidating practical skills and abilities necessary for the professional activity of a junior nurse.

A summary of the production practice. Acquaintance with the organization of work and types of medical institutions, the structure and arrangement of the admission unit and medical and diagnostic departments. Familiarization with the functional responsibilities of the junior nurse of the admission department and hospital. Compliance with the principles of the sanitary and epidemiological

regime in the departments. Mastering the rules for preparing disinfecting basic working solutions. Compliance with the internal regulations and operating mode of a stationary type medical facility. To master the types of transportation of patients, depending on their condition and the rules for carrying patients, transferring them to a gurney from a gurney and onto a bed. Patient accompaniment. Observe the requirements and features of hygienic cleaning of hospital premises. To master the methods of control and safety measures in the prevention of intra-hospital infections. To master the methods of control and safety measures in the prevention of intra-hospital infections. VBI transmission mechanism. Organization of food and feeding of patients in the hospital. Activities carried out in the department for the prevention of viral hepatitis. General safety measures for a junior nurse in the workplace. The concept of prophylactic and focal disinfection. The main orders for the sanitary and anti-epidemic regime of health care facilities.

**As a result of the internship, the student must:**

**Know:**

- types of health care institutions;
- the structure of the medical and preventive institution and its subdivisions - the work schedule, admission procedure and job descriptions of the junior nurse;
- Requirements for the medical-protective and sanitary-epidemiological regime of the units of health care facilities;
- work and equipment of laundries;
- the percentage of disinfectants used for various purposes, the technique of their preparation for cleaning premises (floors, walls, etc.);
- rules for sorting and transporting dirty and clean linen;
- basic principles of anti-epidemic measures to identify patients with especially dangerous infections;
- rules for sanitizing patients, including those with head lice.

**Be able to:**

- comply with the rules and instructions on labor protection and safety;
- to sanitize the patient, including those with head lice;
- to serve and care for the sick;
- Ensure cleanliness in wards, bathrooms, other rooms;
- monitor the cleanliness of bed linen in seriously ill patients;
- assist patients with eating, washing and moving around;
- organize bathing of patients with a change of linen;
- provide a daily toilet for seriously ill patients;
- prepare disinfectants for cleaning premises;
- carry out wet cleaning. Ventilate the room daily;
- carry out general cleaning (at least once a month);
- carry out the change and accounting of linen at the hostess sister in the department, in warehouses, know the principles and rules of labeling linen;
- to bring to the attention of the ward nurse and the doctor on duty, any violations of the internal regulations of the department;
- determine the malfunction of sanitary and electrical equipment, report this to the hostess;
- politely and attentively listen to the requests of patients;
- monitor the safety of all hard and soft equipment;
- monitor the observance of the medical protection regime in the departments;
- comply with all orders and instructions in the departments.

## **P. 02. "ASSISTANT MEDICAL PERSONNEL"**

### **1 COURSE 2 semester**

**Total labor intensity: 2 credits (60 hours)**

**Working day duration - 6 hours**

**Control type: certification**

**The purpose of the practical training:** teaching students the main stages of the work of nursing staff and the application by students of their knowledge in practice in a hospital environment.

#### **Industrial practice tasks:**

- familiarization with the main stages of the work of nursing staff;
- familiarization with the types of sanitization of patients, types of fevers;
- mastering the skills of observation and care of patients with diseases of various body systems;
- mastering modern methods of clinical, laboratory, instrumental examination of patients;
- familiarization with the principles and methods of conducting health education among the population.

A summary of the production practice. Medical ethics and deontology of nurses in the therapeutic department of the hospital. Duties of the ward (guard) nurse. Organization of the work of a procedural nurse. Rules of asepsis and antiseptics. Parenteral route of drug administration. The main types of injections. Parenteral route of drug administration. The main types of injections. Taking blood for tests from a vein. General examination of the patient. The principles of good nutrition. Diets. Feeding the sick. Examination of the skin, its derivatives, subcutaneous fatty tissue. Examination of the lymph nodes. Treatment of skin, hair, nails. Change of underwear and bed linen. Setting up a local warming compress. Preparation and supply of a heating pad to the patient. Rubbing, rubbing,

lubricating the skin with a drug. Examination of individual parts of the body. Holding the oral cavity toilet. Conducting a toilet of the nose, ears, eyes. Instilling drops, laying ointments. Examination, palpation of the chest. Respiratory parameters assessment. Clinical and laboratory, functional and instrumental methods for the study of the respiratory system. Collection of sputum for laboratory research” Preparing patients for chest x-ray, bronchoscopy, ultrasound of the pleural cavities. Determination of the main characteristics of the arterial pulse on the radial artery. Measurement of arterial and venous pressure. Electrocardiogram registration technique. Conducting gastric lavage with a thick probe. Introduction of a gas outlet tube. Enemas. Feces collection. Submission of the vessel. Washing the patient. Preparing patients for instrumental studies of the digestive system. Determination of water balance. Collection of urine. Testing according to Zimnitsky. Performing bladder catheterization with a soft catheter. Features of observation and care of elderly and senile patients.

**As a result of the practice, the student must**

**Know:**

- compliance with the rules of asepsis and antiseptics in the hospital;
- performing manipulations as prescribed by a doctor and keeping records of performed manipulations: determining the main characteristics of the arterial pulse on the radial artery; registration of the results of the study of arterial pulse and blood pressure; thermometry with entering in the temperature sheet; conducting electrocardiography.
- an algorithm for rendering assistance to a procedural nurse during various manipulations: a set of medicinal solution from an ampoule and a vial into a syringe; dilution of antibiotics; filling the system for intravenous drip administration of medicinal substances; intravenous infusion; setting of cleansing, hypertonic, siphon, nutritional, medicinal, oil enemas; pre-sterilization preparation of medical and surgical instruments; laying of dressing material, operating clothes, masks, gloves; disinfection of care products, dressings; disinfect dressing and operating instruments; taking a swab from the throat and nose for laboratory research; introduction of a gas outlet tube;
- parenteral administration of drugs (subcutaneous, intramuscular, and intravenous injections);
- taking blood from a vein for special laboratory tests;

- decontamination of syringes and other medical instruments in the treatment room, pre-sterilization cleaning and sterilization at the centralized sterilization point;
- provision of first aid medical assistance in cases of complications during medical procedures and calling a doctor;
- registration of complications in the appropriate journal;
- compliance with the sanitary and anti-epidemic regime, as well as measures for the prevention of HIV / AIDS and viral hepatitis B and C in the treatment room;
- keeping records of the consumption of medicines, dressings and instruments;
- timely and correct maintenance of accounting records of the department in the prescribed form.

**Be able to:**

- a set of measures for asepsis and antiseptics in the department;
- perform thermometry;
- perform all types of injections;
- use a sterile table, tray, medical instruments;
- measure blood pressure, count the pulse, pulse deficit, the number of respiratory movements;
- carry out blood sampling for laboratory tests;
- to provide first aid medical assistance in cases of complications during medical procedures;
- to take blood from a vein for diagnostic studies;
- to carry out intramuscular, subcutaneous, intradermal, intravenous injections;
- to carry out catheterization of the bladder with a "soft" catheter;

- determine the blood group and Rh factor;
- conduct blood transfusion;
- to carry out manipulations in case of a serious condition of the patient.

### **Sample form for reporting on industrial practice**

#### **DIARY**

**Summer industrial practice as an assistant paramedic of an ambulance and emergency aid student \_ course \_ group**

**FULL NAME.** \_\_\_\_\_ **Place of internship** \_\_\_\_\_

**Practice time from** \_\_\_\_\_ **to** \_\_\_\_\_

**FULL NAME.** head of LPO

**FULL NAME.** head of practice from LPO (senior sister of the department)

**FULL NAME.** head of practice from KSMA

**The inner pages of the diary are arranged in the following form:**

Date	Content of the work performed	Amount of work performed	Supervisor's signature (older sister of the department)