**List of practical skills that need to be learned by the student as an assistant to the doctor of the hospital admission department**

|  |  |  |  |
| --- | --- | --- | --- |
| List of practical skills | Number No. mandatory for performance | Actual number of completed skills | Level of achievement |
| **I. OBLIGATORY SKILLS** | | | |
| **Organization of treatment and preventive care by the doctor of the admission department:** | | | |
| Admission department of medical-prophylactic institution, structure, organization of work | + | + | + |
| Official duties, rights and responsibilities of the doctor of the admission department | + | + | + |
| Reception and registration of incoming patients. Inspection, primary examination of patients and laboratory express diagnostics (according to indications) | + | + | + |
| Provision of permanent, emergency and urgent qualified medical care to the population | + | + | + |
| Transportation of patients to the treatment departments of the hospital. Providing advice to other units of the medical institution | + | + | + |
| Medical document flow of the admission department (medical history, accompanying documents, list of refusal from hospitalization, emergency notification, logs, etc.) | + | + | + |
| Checking the availability of the necessary medical documentation for the planned admission of the patient, studying the accompanying documentation for unscheduled admission | + | + | + |
| Examination of the patient, diagnosis of his condition and identification of his medical indications for hospitalization | + | + | + |
| Examination of temporary disability of the population and medical and social expertise | + | + | + |
| Interaction with territorial bodies of internal affairs in case of detection of signs of damage of criminal origin | + | + | + |
| Observance of ethics and deontology when communicating with colleagues and patients, excluding the possibility of iatrogenic exposure to patients | + | + | + |
| Compliance with safety regulations, adherence to the rules for the prevention of HIV infection, infectious hepatitis | + | + | + |
| **Clinic, diagnosis, emergency medical care in emergency conditions:** | | | |
| 1. **Emergency care in cardiology** | | | |
| The technique of registration, the technique of decoding electrocardiography (heart rate, recognition of rhythm and conduction disorders, ECG signs of ischemia and necrosis of the myocardium) | 1 |  | master |
| Acute coronary syndrome. Clinical picture and emergency treatment for progressive angina pectoris | 1 |  | master |
| Acute coronary syndrome. Clinical picture, ECG diagnostics and emergency care for myocardial infarction | 1 |  | master |
| Clinical picture, emergency aid for cardiogenic shock | 1 |  | master |
| Hypertensive crisis: clinical picture, emergency care | 1 |  | master |
| Clinical picture and acute care for acute left ventricular failure (cardiac asthma, pulmonary edema) | 1 |  | master |
| Clinical picture and acute care in acute right ventricular failure | 1 |  | master |
| Clinical picture and acute care in acute vascular insufficiency | 1 |  | master |
| Clinical picture, ECG diagnostics, emergency aid for rhythm disturbances (paroxysmal tachycardia, atrial fibrillation, ventricular fibrillation, atrial flutter) | 1 |  | master |
| Clinical picture, acute care for acute disorders of cerebral circulation | 1 |  | master |
| 1. **Assistance in emergency conditions in pulmonology** | | | |
| Acute respiratory failure, clinical picture, emergency care | 1 |  | master |
| Attack of bronchial asthma, asthmatic status: clinical picture, emergency care | 1 |  | master |
| Community-acquired pneumonia of moderate to severe severity | 1 |  | master |
| 1. **Assistance in emergency conditions in gastroenterology** | | | |
| Acute pancreatitis: clinical picture, emergency care | 1 |  | master |
| Acute cholecystitis, hepatic colic: clinical picture, emergency care | 1 |  | master |
| Acute ulcer of the stomach and duodenum: clinical picture, emergency care | 1 |  | master |
| 1. **Emergency care in nephrology** | | | |
| Acute renal colic: clinical picture, emergency | 1 |  | master |
| Acute urinary retention: clinical picture, emergency (catheterization of the bladder) | 1 |  | master |
| 1. **Assistance in emergency conditions in endocrinology** | | | |
| Diabetic ketoacidosis: clinical picture, emergency care | 1 |  | master |
| Hypoglycemic coma: clinical picture, emergency care | 1 |  | master |
| Hyperglycemic coma: clinical picture, emergency care | 1 |  | master |
| 1. **Assistance in emergency conditions in hematology** | | | |
| Anemic syndrome of moderate and severe severity: clinical picture, emergency care | 1 |  | master |
| Hemorrhagic syndrome: clinical picture, emergency care | 1 |  | master |
| 1. **Assistance in emergency conditions in rheumatology** | | | |
| Fever of unknown origin: clinical picture, first aid, diagnostic search algorithm | 1 |  | master |
| Acute articular syndrome: clinical picture, emergency care | 1 |  | master |
| 1. **Resuscitative measures in terminal states:** | | | |
| Terminal states, diagnostic features | 1 |  | master |
| Asystole, symptoms of asystole, emergency care | 1 |  | master |
| Ventricular fibrillation: precursors, symptoms, emergency treatment | 1 |  | master |
| Stop breathing, diagnostic signs, emergency help | 1 |  | master |
| Diagnostic signs of clinical death of the patient | 1 |  | master |
| Restoration of airway patency | 1 |  | master |
| **Master** | 31 |  |  |
| **Implications for emergency care:** | | | |
| Number of patients admitted | 10 |  |  |
| Examination of the patient (collection of anamnesis, external examination, percussion, auscultation of the lungs and heart, examination and palpation of the abdomen, etc.) | 10 |  |  |
| Assessment of changes identified by the survey from various systems and bodies | 10 |  |  |
| The formulation of the clinical diagnosis, according to the current classification | 10 |  |  |
| Plan of examination, treatment | 10 |  |  |
| Measurement of blood pressure. Counting heart rate. Calculation of respiratory rate. Thermometry | 10 |  |  |
| Collection of the patient's biological material, interpretation of the results: - general blood analysis - urinalysis - biochemical blood test | 10 |  |  |
| Recording and decoding ECG | 10 |  |  |
| Express diagnostics of troponin level. Express method for determining blood glucose, urine acetone | 2 |  |  |
| Determination of blood groups according to the ABO system. Determination of Rh factor by express method | 2 |  |  |
| Conducting samples for the compatibility of donor and recipient blood before transfusion | 1 |  |  |
| Local use of medicinal substances | 3 |  |  |
| Intramuscular, subcutaneous injections | 5 |  |  |
| Intravenous injections | 5 |  |  |
| Filling the system for intravenous infusions | 5 |  |  |
| Preparation of a set of instruments for intubation of the trachea, tracheotomy, conicotomy | 0-1 |  |  |
| Catheterization of the bladder with a rubber and metal catheter | 0-1 |  |  |
| Gastric lavage with a thick and thin probe | 0-1 |  |  |
| Setting cleaning, siphon enemas, gas pipe | 0-1 |  |  |
| Indirect massage of the heart | 0-1 |  |  |
| Conducting artificial ventilation of the lungs by the methods "mouth to mouth" and "mouth to nose". The use of respirators, hand-held apparatus Ambu. | 0-1 |  |  |
| Carrying out oxygen therapy by various methods (giving the patient oxygen from the cushion, using an oxygen plant, supplying oxygen through a defoamer) | 0-1 |  |  |
| Aspiration of sputum (with rubber, plastic catheters through the mouth, nose, airways, intubation and tracheotomy tubes) | 0-1 |  |  |
| The use of air ducts to ensure airway patency | 0-1 |  |  |
| **Total mandatory practical skills** | 15 (103) |  |  |
|  | | | |
| **II. OPTIONAL SKILLS** | | | |
| **Assistance in emergency conditions in allergology** | | | |
| Urticaria, angioedema, anaphylactic shock: clinical picture, emergency care | 1 |  |  |
| **Emergency care for poisoning** | | | |
| Clinical picture and emergency aid for food poisoning | 1 |  |  |
| Acute alcohol and surrogate poisoning: clinical picture, emergency care, transportation of a patient | 1 |  |  |
| Carbon monoxide poisoning: clinical picture, emergency care, transportation of a patient | 1 |  |  |
| **Emergency care for conditions caused by external factors:** | | | |
| Sunny, heat stroke: a clinical picture, emergency care | 1 |  |  |
| Emergency help with electrical trauma | 1 |  |  |
| The motion sickness syndrome: a clinical picture, an emergency | 1 |  |  |
| Clinical picture, emergency help with frostbite | 1 |  |  |
| Clinical picture, emergency drowning help | 1 |  |  |
| Clinical picture, emergency care, transportation of a patient with suffocation | 1 |  |  |
| Clinical picture, emergency care, transportation of a patient when bitten by poisonous snakes, insects, animals | 1 |  |  |
| **Total quantity of optional skills** | 11 |  |  |
|  | | | |