

**On approval of the Rules for providing medical aid in the form of air ambulance**

***Unofficial translation***

Order of the Minister of Health of the Republic of Kazakhstan of December 11, 2017 No. 933. Registered with the Ministry of Justice of the Republic of Kazakhstan on January 18, 2018 No. 16245. Abolished by order of the Minister of Health of the Republic of Kazakhstan dated November 30, 2020 No. ҚР DSM-225/2020.

      *Unofficial translation*

      Footnote. Abolished by order of the Minister of Health of the Republic of Kazakhstan dated November 30, 2020 No. ҚР DSM-225/2020 (shall be enforced upon expiry of ten calendar days after the day of its first official publication).

      In accordance with subparagraph 97) of paragraph 1 of Article 7 of the Code of the Republic of Kazakhstan dated September 18, 2009 "On Public Health and Healthcare System" **I hereby ORDER:**

      1. To approve the enclosed Rules for providing medical aid in the form of air ambulance.

      2. The Department for organization of medical aid of the Ministry of Healthcare of the Republic of Kazakhstan in the manner prescribed by law shall:

      1) ensure state registration of this order with the Ministry of Justice of the Republic of Kazakhstan;

      2) within ten calendar days from the date of state registration of this order, send its copy in paper and electronic form both in the Kazakh and Russian languages to the Republican State Enterprise on the Basis of the Right of Economic Management "Republican Center of Legal Information" for official publication and inclusion in the Reference Control Bank of Regulatory Legal Acts of the Republic of Kazakhstan;

      3) within ten calendar days after the state registration of this order, send its copy to the periodic printed publications for official publication;

      4) place this order on the Internet resource of the Ministry of Healthcare of the Republic of Kazakhstan after its official publication;

      5) within ten working days after the state registration of this order, submit to the legal Department of the Ministry of Healthcare of the Republic of Kazakhstan the information on execution of activities, provided by subparagraph 1), 2), 3) and 4) of this paragraph.

      3. Supervising Vice-Minister of Healthcare of the Republic of Kazakhstan Aktayeva L.M. shall be authorized to oversee the implementation of this order.

      4. This order shall be enforced upon expiry of ten calendar days after its first official publication.

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*Minister of Healthcare of the*
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|
*Republic of Kazakhstan*
 |
*Y. Birtanov*
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      "AGREED"

      Minister for Investments and Development

      of the Republic of Kazakhstan

      \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Z.Kassymbek

      December 25, 2017

      "AGREED"

      Minister of Internal Affairs

      of the Republic of Kazakhstan

      \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ K. Kassymov

      December 14, 2017

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|   | Approved by order of theMinister of Health of theRepublic of Kazakhstandated December 11, 2017 No. 933 |

 **Rules for the provision of medical assistance in the form of air ambulance**

      Footnote. The rules as amended by the order of the Minister of Health of the Republic of Kazakhstan dated November 20, 2019 No. ҚР DSM-143 (shall be enforced upon expiry of ten calendar days after the day of its first official publication).

 **Chapter 1. General provisions**

      1. These Rules for the provision of medical care in the form of air ambulance (hereinafter - the Rules) are developed in accordance with subparagraph 97) of paragraph 1 of Article 7 of the Code of the Republic of Kazakhstan dated September 18, 2009 "On the health of the people and the health care system" and determine the procedure for the provision of medical care in the form of medical aviation.

      2. The following concepts are used in these Rules:

      1) aviation services - civil aviation services related to the organization and provision of air transportation of passengers, baggage, cargo, mail and the performance of aviation work for a fee or for hire;

      2) an authorized body in the field of civil aviation - the central executive body that exercises leadership in the use of the airspace of the Republic of Kazakhstan and the activities of civil and experimental aviation;

      3) aircraft - an apparatus supported in the atmosphere due to its interaction with air, excluding interaction with air reflected from the earth (water) surface;

      4) aircraft commander - a person who has undergone appropriate training in accordance with the established procedure , has a pilot certificate and admission to the right to independently control an aircraft of this type , in accordance with the Law of the Republic of Kazakhstan dated July 15, 2010 "On the use of the airspace of the Republic of Kazakhstan and aviation activities" ( hereinafter - the Law on Airspace);

      5) airline - a legal entity that has a certificate of an operator of civil aircraft;

      6) the authorized body in the field of health care (hereinafter referred to as the authorized body) is the central executive body that carries out management and inter-sectoral coordination in the field of public health protection, medical and pharmaceutical science, medical and pharmaceutical education, sanitary and epidemiological well-being of the population, circulation of medicines and medical products, quality control of medical services;

      7 ) dispatching service (hereinafter referred to as DS) - a structural unit of the National Coordination Center for Emergency Medicine and the regional SSMP for operational management, based on the use of technical means of communication, collection of information, its processing and implementation of operational control;

      8) emergency medical care (hereinafter - EMS) - a form of providing medical care in the event of diseases and conditions requiring emergency medical care to prevent significant harm to health and (or) eliminate the threat to life, as well as, if necessary, transport organs (parts of organs) and tissues for subsequent transplantation ;

      9) an ambulance station (hereinafter - AS) - a medical organization that provides round-the-clock emergency medical care to adults and children in case of life-threatening (patient and (or) surrounding) conditions, accidents, acute serious illnesses, exacerbation of chronic diseases, as in the place of the incident and along the route;

      10) paramedic of the ambulance brigade (mobile brigade of air ambulance) - a person who has a technical and professional (secondary specialized, secondary vocational) medical education in the specialty "General Medicine" (or "Obstetrics") and advanced training in the specialty "General Medicine", and also in the specialty "Laboratory diagnostics", "Paramedic - laboratory assistant", "Hygiene, sanitation and epidemiology", "Sanitary paramedic", "Dentistry", "Dentist", "Nursing", for persons who have started this position before On February 11, 2003, in accordance with the order of the Acting Minister of Health of the Republic of Kazakhstan dated November 26, 2009 No. 791 "On approval of the qualification characteristics of health care workers" (registered in the Register of State Registration of Normative Legal Acts under No. 5945), a certificate of a specialist in the specialty " General Medicine "or higher medical education in the specialty" General Medicine "," Pediatrics ", ba Calavria in the specialty "General Medicine" and a certificate with an average qualification level;

      11) a doctor of a mobile brigade of an air ambulance - a person with a higher medical education, a certificate of a specialist in the specialty "Emergency and emergency medical care", "Anesthesiology and resuscitation ( perfusion , toxicology) (adult)", "Anesthesiology and resuscitation ( perfusion , toxicology, neonatal resuscitation) (for children) ";

      12) clinical protocol - a document that establishes general requirements for the provision of medical care to a patient with a specific disease or clinical situation;

      13) consultation - examination of a person in order to establish a diagnosis, determine treatment tactics and prognosis of a disease with the participation of at least three doctors;

      14) landing site - an area of land, ice, water surface, structure surface, including the surface of a floating structure, intended for takeoff, landing, taxiing and parking of aircraft;

      15) medical services - actions of health care subjects that have a preventive, diagnostic, therapeutic, rehabilitation or palliative focus in relation to a specific person;

      16) medical devices - any tools, apparatus, devices, equipment, materials and other products that are used for medical purposes separately or in combination with each other, as well as with accessories necessary for the use of these products for their intended purpose, including special software, are intended a manufacturer of a medical device for the prevention, diagnosis, treatment of diseases, medical rehabilitation and monitoring of the state of the human body, medical research, restoration, replacement, changes in the anatomical structure or physiological functions of the body, prevention or termination of pregnancy and the functional purpose of which is not realized through pharmacological, immunological, genetic or metabolic effects on the human body and can be supported by the use of drugs;

      17) medical organization - a healthcare organization, the main activity of which is the provision of medical care;

      18) operator - an individual or legal entity that operates civil aircraft or offers its services in this area;

      19) National Coordination Center for Emergency Medicine of the Ministry of Health of the Republic of Kazakhstan (hereinafter - NCCEM) - a republican state enterprise on the right of economic management , coordinating the activities of the ambulance service, air ambulance and admission departments of hospitals providing emergency medical care;

      20) doctor - coordinator of air ambulance NCCEM - a person with a higher medical education, having a certificate of a specialist in the relevant specialty;

      21) air ambulance - a form of providing emergency medical care to the population when it is impossible to provide medical care due to the lack of medical equipment and (or) specialists of the relevant specialty and (or) qualifications in a medical organization at the location of the patient. The provision of medical care in the form of air ambulance is carried out by delivering qualified specialists to the destination or transporting the patient ( s ), as well as organs (parts of organs) and (or) tissues (parts of tissues) for subsequent transplantation to the appropriate medical organization by air;

      22) mobile brigade of air ambulance (hereinafter - MBAA) - structural - functional unit of air ambulance, directly providing one or more of the following types of medical care: qualified , specialized , consultative and diagnostic medical care and high-tech medical services to patients;

      23) application of a doctor - coordinator of medical aviation - a document containing information about a patient;

      24) ambulance vehicles - a specialized land vehicle designed to transport patients, accompanying medical personnel, as well as organs (parts of organs) and tissues for subsequent transplantation to the relevant medical organization;

      25) ambulance flight task - a document in the form established by the airline, containing information about the crew members and determining the purpose of the flight;

      26) scheduled flight - a flight operated in accordance with the schedule established and published by the airline , in accordance with the Airspace Law;

      27) emergency situation - a situation in a certain territory resulting from an accident, fire, harmful effects of hazardous production factors, a hazardous natural phenomenon, catastrophe, natural or other disaster that may or have resulted in loss of life, harm to human health or the environment , significant material damage and violation of the living conditions of people;

      28) emergency medical care - medical care requiring urgent medical intervention to prevent significant harm to health or eliminate a threat to life in case of sudden acute illnesses, injuries, a sharp deterioration in health, exacerbation of chronic diseases;

      29) profile specialist - a medical worker with a higher medical education who has a certificate in a certain specialty;

      30 ) telemedicine services - a complex of remote medical services carried out using information and telecommunication technologies.

 **Chapter 2. The procedure for the provision of medical care in the form of medical aviation**

      3. The grounds for considering the issue of providing medical care in the form of air ambulance are:

      an extract from the medical record of a patient in need of medical assistance in the form of an air ambulance;

      the application of the doctor - the coordinator of the air ambulance department to the dispatch service of NCCEM (hereinafter referred to as the Application) in the form in accordance with Appendix 1 to these Rules;

      in urgent cases, a verbal instruction from the authorized body, with written confirmation;

      call from the EMS and other emergency services.

      4. In NCCEM and air ambulance departments, round-the-clock DCs are organized, which provide constant communication with each other, medical organizations, operators , aircraft pilots, MBAA and qualified specialists.

      5. DS of the air ambulance department:

      examines the received medical documentation of a patient in need of medical care in the form of an air ambulance, to clarify the patient's condition, requests additional data, the results of telemedicine consultations, information about the patient's condition in dynamics, determines the amount of medical care;

      forms an application for submission to DS NCCEM;

      agrees with DS NCCEM and approves the composition of MBAA, forms, according to medical indications, qualified specialists from medical organizations of the region with obtaining their informed consent;

      ensures interaction with medical organizations and with representatives of the airport on the unimpeded entry and exit to the apron of the airport for ambulance vehicles;

      organizes the transportation of the patient ( s ), MBAA by ambulance from the medical organization to the airport (back);

      organizes an MBAA meeting upon arrival and escort to the receiving medical organization;

      requests information from the receiving medical organization about the arrival of MBAA to the destination and the current state of the patient ( s );

      monitors the flight route of the aircraft, upon completion of the flight, together with the aircraft commander, provides reporting information on the execution of the application and assignment for a sanitary flight to the DS NCCEM;

      upon receipt of information about cases of emergencies, informs DS NCCEM.

      6. DS of the department of medical aviation participates in the organization:

      a landing site for an aircraft near settlements where there are no permanent airfields;

      temporary security of an aircraft that has landed and is awaiting departure for more than 4 (four) hours, due to the impossibility of taking off due to flight performance, adverse weather conditions, and the end of daylight hours;

      accommodation of the flight crew of the aircraft, MBAA for rest if it is impossible to take off.

      7. DS NCCEM upon receipt of an application :

      familiarizes himself with the application received from the medical aviation hospital, the patient's medical documentation, assesses the current state of the patient ( s ), analyzes the rationale for the application (purpose, type, amount of medical care, the results of telemedicine consultations), to clarify the patient's condition, requests additional data from the hospital medical department aviation, assesses the capabilities of the operator in the relevant region of the Republic of Kazakhstan;

      determines, in accordance with the kind of necessary medical care, the appropriateness of patient transport ( s ) to medical organizations of the region, cities of republican significance and the capital, the amount of emergency medical treatment and the extent of risks during transport and taking measures for the organization of performance tasks on sanitary flight;

      carries out the transportation of the patient ( s ) to medical organizations of regions, cities of republican significance and the capital, with preliminary notification of the receiving medical organization;

      forms MBAA, according to medical indications, attracts a qualified specialist ( s ) from medical organizations of regions, cities of republican significance and the capital and educational and scientific organizations (universities);

      agrees the composition of MBAA and attracted qualified specialist ( s ) from medical organizations of regions, cities of republican significance and the capital according to the information provided by the medical aviation department;

      determines the distance, aircraft type and submits an application to the operator ;

      agrees with the operator the time of departure and assigns a task for a sanitary flight according to the form No. 118 / y , approved by order of the Acting Minister of Health of the Republic of Kazakhstan dated November 23, 2010 No. 907 "On approval of forms of primary medical documentation of health care organizations" (registered in the Register of State Registration of Regulatory Legal acts under No. 6697);

      coordinates the issue with the representatives of the airport on the unhindered entry and exit to the apron of the airport for ambulance vehicles;

      organizes the transportation of the patient ( s ) and MBAA by ambulance vehicles from medical organizations of regions, cities of republican significance and the capital to the airport (back);

      organizes the delivery by aircraft (there / back) of qualified specialists from medical organizations of regions, cities of republican significance and the capital for the removal of organs (parts of organs) and tissues for subsequent transplantation;

      informs the management of NCCEM in a timely manner in the event of situations that can lead to a disruption in the progress of the application (technical, organizational, meteorological factors);

      reports to the management of NCCEM and the authorized body upon receipt of information on emergencies.

      8. Transportation of the patient ( s ) is carried out after obtaining the informed consent of the patient ( s ) for the provision of medical care in the form of air ambulance. In respect of minors and citizens declared incompetent by the court, consent is given by their legal representatives . The provision of medical care to patients in an unconscious state is made by the decision of a council or a doctor of a medical organization of the region, or MBAA, or a qualified specialist with notification in any form to officials of the medical organization.

      9. Air ambulance includes medical and aviation services .

      10. The provision of medical care in the form of air ambulance is carried out by delivery of qualified specialists to the destination or transportation of the patient ( s ) to medical organizations of regions, cities of republican significance and the capital, as well as organs (parts of organs) and tissues for subsequent transplantation to the appropriate medical organization by air.

      11. Medical services include consultation using telemedicine followed by the provision of a teleconsultation opinion , transportation of the patient ( s ), transportation (round trip) of a qualified specialist ( s ) for the purpose of face-to-face consultation and / or on-site surgery.

      12. Aviation services include the delivery of patient ( s ), delivery (roundtrip) of a qualified specialist ( s ) for the purpose of in- person consultation and (or) on-site surgery, delivery (roundtrip) of qualified specialists in the removal of organs (parts of organs) and tissues, as well as the delivery of organs (parts of organs) and tissues for subsequent transplantation , biomaterials.

      13. The grounds for the use of aviation services for the purpose of providing medical assistance in the form of medical aviation using a special aircraft are:

      difficult accessibility (lack of road surfaces, mountainous terrain, settlements (areas) remote from access to medical care);

      inability to provide medical care due to the lack of medical equipment and (or) qualified specialist ( s ), relevant specialty and (or) qualifications in a medical organization at the location of the patient ( s );

      providing medical assistance in accidents, the scale of which does not allow the emergency ambulance crews to carry out medical evacuation by land and water transport;

      transportation of the patient ( s ) who received qualified medical care in medical organizations of the cities of republican significance and the capital, for further continuation of treatment in medical organizations at the place of residence, if it is impossible to transport by land transport and on an aircraft of regular civil aviation flights, in accordance with the Rules for the provision of medical care to passengers in civil aviation, approved by order of the Minister for Investment and Development of the Republic of Kazakhstan dated June 6, 2017 No. 329 (registered in the Register of State Registration of Normative Legal Acts under No. 15323) and on the basis of a letter from a medical organization;

      transportation to medical organizations of regions, cities of republican significance and the capital of citizens of the Republic of Kazakhstan and oralmans who are in serious condition in foreign medical organizations, according to the letter of the authorized body, who need medical assistance and whose condition does not allow transportation by land transport and on an aircraft of regular civil flights aviation;

      delivery of qualified specialists to the scene of the incident and back, transportation of biomaterials for laboratory research in emergency situations with medical consequences on the written order of the authorized body;

      delivery of MBAA to places of emergencies to eliminate medical and sanitary consequences;

      delivery of qualified specialists for the provision of medical care (consultation and / or surgery, removal of organs (parts of organs) and tissues) to a medical organization at the location of the patient ( s ) due to the lack of medical equipment and (or) a qualified specialist ( s ) corresponding specialties and (or) qualifications.

      14. Delivery of qualified specialists from medical organizations of regions, cities of republican significance and the capital, for the provision of medical care (consultation and / or surgery, removal of organs (parts of organs) and tissues) to a medical organization at the location of the patient ( s ) due to lack of medical equipment and (or) a qualified specialist ( s ) of the relevant specialty and (or) qualifications can be carried out using aircraft of regular flights, taking into account the presence / absence of a suitable flight schedule, weather conditions and the condition of the patient ( s ).

      15. MBAA consists of a doctor, a paramedic; a qualified specialist (s) is involved for medical reasons.

      16. MBAA is completed in accordance with the pathology profile of the patient ( s ), in accordance with the minimum list of equipment and medical products of the NCCEM / air ambulance department in accordance with Appendix 2 to these Rules.

      17. When transporting the patient ( s ), MBAA on an ongoing basis assesses the condition and treats the patient ( s ) in accordance with the clinical diagnostic and treatment protocols.

      18. Aviation services are rendered on the basis of contracts concluded between NCCEM and operators .

      19. Medical services are rendered on the basis of contracts concluded between NCCEM and healthcare entities, as well as educational and scientific organizations in the field of healthcare.

      20. The subjects of health care and educational and scientific organizations in the field of health care, according to the agreement, provide the NCCEM with an approved schedule of qualified specialists for the provision of medical assistance in the form of air ambulance.

      21. Telemedicine consultations are organized by NCCEM , healthcare entities, as well as educational and scientific organizations in the field of healthcare with the involvement of a qualified specialist ( s ) (if equipped) to obtain a qualified medical opinion, determine treatment tactics and indications for medical care in the form of air ambulance.

      22. A situation center with a staff of specialized specialists is being created at NCCEM to monitor critical patients with obstetric pathology using information and communication technologies for the timely provision of medical assistance to the population in the form of emergency medical services and air ambulance.

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|   | Appendix 1to the Rules for the provision ofmedical carein the form of medical aviation |

 **Application of the doctor - coordinator of the air ambulance department to the dispatch**
**service of the National Coordination Center for Emergency Medicine**

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|
Type of service: |
Transportation
Consultation
Operation |
|
Patient data |
FULL NAME. (if any) patient:
Date of Birth:
Citizenship:
Floor:
Weight:
Growth:
Locality:
Location of the patient:
Approximate travel time from the patient's location to the airport: |
|
Diagnosis |
Main:
Companion: |
|
Assessment of the patient's current condition |
Assessment of the patient's state of consciousness according to the Glasgow scale:
The severity of the patient's condition:
Breath:
Method of artificial lung ventilation:
Ventilation modes: |
|
Vital signs |
Temperature:
Respiratory rate:
Heart rate:
Blood pressure:
Oxygen saturation:
Oxygenation requirement : |
|
Additional Information |
1. Epidemiological history: |
|
2. Is the patient's anxious behavior? |
|
3. Can the patient use an upright airplane seat when required? |
|
4 Can the patient take care of himself / herself on board the aircraft without constant help (including food, going to the toilet)? |
|
5 Which organization is the patient referred to?
Locality:
Name of the medical organization: |
|
7. Concomitant diseases / conditions of the patient requiring special care / therapy (drugs taken: insulin, antihypertensive drugs) |
|
Data of the doctor of the medical aviation department |
Region, address of the medical organization:
FULL NAME. (if any) doctor - coordinator of the air ambulance department
Phone: |

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|   | Appendix 2to the Rules for the provision ofmedical carein the form of medical aviation |

 **Minimum list of equipment and medical devices of the National Coordination Center for**
**Emergency Medicine / Air Ambulance Department**

      1. Medical equipment can be stationary, mobile or mixed.

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| --- | --- | --- | --- |
|
P / p No. |
Equipment name |
Equipment and materials |
amount |
|
1. |
General set |
Lamp
Communication means (walkie-talkie)
Scissors
ECG Gel
Infusion stand
Trolley - stretcher with removable stretcher
Stretcher frameless |
1 piece
1 piece
1 piece
1 piece
1 piece
1 piece
1 piece |
|
2. |
Diagnostics
Triage - systems (sorting) |
Triage / Triage Patient Labels
Stethoscope / Phonendoscope
Tonometer
Thermometer
Centimeter tape
Pulse Oximeter
Glucometer set with scarifier No. 50
Urinary catheter
Neurological hammer |

1 piece
1 piece
1 piece
1 piece
1 piece
1 piece
1 piece
1 piece
1 piece |
|
3. |
Resuscitation |
Electric pump
Artificial lung ventilation apparatus
Laryngeal mask (for children, adults)
Oxygen cylinder 10 l., 2 l
Cardiopump
Subclavian Vein Catheterization Kit
Resuscitation kit large for ambulance |
1 piece
1 piece
2 pieces
1 piece
1 piece
1 piece
1 piece |
|
 |
 |
Sack of Ambu
Air duct set
Mechanical foot suction with pump
Respiratory mask for adults, rubber
Laryngoscope set (3 blades)
Endotracheal tube Mouth dilator
Language holder
Medical stowage bag
Couvez
Urine collection
Burn blanket |
1 piece
1 piece
1 piece
1 piece
1 piece
1 piece
1 piece
1 piece
1 piece
1 piece
1 piece
1 piece |
|
4. |
Services for cardiac patients |
Defibrillator monitor
Electrocardiograph
Pacemaker |
1 piece
1 piece
1 piece |
|
five. |
Primary treatment of wounds, including burns |
Bandages
Sterile balls, wipes
Adhesive plaster
Hemostatic tourniquet
Anti-burn set
Anti-burn products for external use: gel, aerosol |
3 pieces
1 package
1 piece
1 piece
1 piece
1 each |
|
6. |
Patient care for trauma |
Back immobilization shield with fixation
Rigid neck collar
Means for immobilization of the upper and lower extremities in case of fractures (rigid splints included)
Pneumatic tires set
Vacuum mattress
Cooling package |

1 piece
1 piece
5 items
4 pieces
1 piece
1 piece |
|
7. |
Help with bronchial obstruction |
Compressor inhaler
Conicotomy set |
1 piece
1 piece |
|
eight. |
Obstetric and neonatal services |
Generic package |
1 piece |
|
nine. |
Medical devices for anti-shock treatment |
Infusion Syringe Pump
Perfuser |
1 piece
1 piece |
|
ten. |
Products for gastric lavage |
Disposable syringe Janet
Disposable gastric tubes of all sizes |
1 piece
2 pieces |
|
eleven. |
Products for subclavian catheterization (disposable) |
Two-channel 8FX 20
Dilator, conductor
Needle, syringe 10 ml
Scalpel |
4 pieces
4 pieces
2 pieces
1 piece |

      2. Minimum List of Medicines of the National Emergency Medicine Coordination Center / Air Medical Department.

|  |  |  |  |
| --- | --- | --- | --- |
|
ATX code |
Pharmacological group / International non-proprietary names |
Dosage form |
unit of measurement |
|
A |
Digestive tract and metabolism |
 |
|
A03 |
Preparations for the treatment of functional disorders of the gastro - intestinal tract |
 |
|
A03A |
Drugs used for bowel dysfunction |
 |
|
A03AD |
Papaverine and its derivatives |
 |
|
A03AD02 |
Drotaverin |
solution for injection 40 mg / 2 ml, 2 ml |
ampoule |
|
A03B |
Belladonna and its derivatives |
 |
|
A03BA |
Belladonna alkaloids, tertiary amines |
 |
|
A03BA01 |
Atropine sulfate |
solution for injection 1mg / ml |
ampoule |
|
A03F |
Gastrointestinal motility stimulants |
 |
|
A03FA01 |
Metoclopramide |
solution for injection 0.5% 2 ml |
ampoule |
|
B01AB |
Heparin and its derivatives |
 |
|
B01AB01 |
Heparin sodium |
bottle |
|
B02B |
Vitamin K and other hemostatics |
 |
|
B02BX |
Other hemostatic drugs for systemic use |
 |
|
B02BX01 |
Etamsilat |
solution for injection 12.5% ​​2 ml |
ampoule |
|
B05 |
Plasma substitution and perfusion solutions |
 |
|
B05A |
Blood preparations |
 |
|
B05AA |
Blood plasma preparations and plasma substitutes |
 |
|
B05AA06 |
Succinylated Gelatin |
solution for infusion
4% 500 ml |
bottle |
|
B05AA07 |
Hydroxyethyl starch ( pentastarch ) |
solution for infusion
10% 500 ml |
bottle |
|
B05B |
Solutions for intravenous administration |
 |
|
B05BB |
Solutions affecting the water - electrolyte balance |
 |
|
B05BB01 |
Sodium chloride |
solution for injection 0.9% 5 ml |
ampoule |
|
B05C |
Irrigation solutions |
 |
|
B05CB |
Saline solutions |
 |
 |
|
B05CB01 |
Sodium chloride |
solution for infusion 0.9%, 200 ml
250 ml
400 ml |
bottle |
|
B05CX |
Other irrigation solutions |
 |
|
B05CX01 |
Glucose |
solution for infusion 5% 200 ml; for injection 40% 5 ml |
Bottle
ampoule |
|
B05X |
Additives to solutions for intravenous administration |
 |
|
B05XA |
Electrolyte solutions |
 |
|
B05XA05 |
Magnesium sulfate |
solution for injection 25%
5 ml |
ampoule |
|
C01B |
Class I and III antiarrhythmic drugs |
 |
|
С01ВВ |
Class IB antiarrhythmic drugs |
 |
|
C01BD |
Class III antiarrhythmic drugs |
 |
|
C01BD01 |
Amiodarone |
solution for intravenous injection 150 mg / 3 ml |
ampoule |
|
C01C |
Cardiotonic drugs, excluding cardiac glycosides |
 |
|
C01CA |
Adrenergic and dopaminomimetics |
 |
|
C01CA04 |
Dopamine |
concentrate for preparation of solution for infusion 4%, 5 ml |
ampoule |
|
C01CA24 |
Epinephrine |
solution for injection 0.18% 1 ml |
ampoule |
|
C01D |
Peripheral vasodilators used to treat heart disease |
 |
|
C01DA |
Organic nitrates |
 |
|
C01DA08 |
Isosorbide dinitrate |
concentrate for preparation of solution for infusion 1 mg / ml 10 ml /
spray sublingual dosed 1.25 mg / dose, 15 ml |
ampoule/
bottle |
|
C01E |
Other drugs to treat heart disease |
 |
|
C01EA |
Prostaglandins |
 |
|
C01EA01 |
Alprostadil |
concentrate for preparation of solution for infusion 20 mg / ml |
bottle |
|
C02 |
Antihypertensive drugs |
 |
|
C02C |
Peripheral antiadrenergic drugs |
 |
|
C02CA |
Alpha blockers |
 |
|
C02CA06 |
Urapidil |
solution for intravenous administration 5 mg / ml 5 ml |
ampoule |
|
C03 |
Diuretics |
 |
|
C03C |
Loop diuretics |
 |
|
C03CA |
Sulfonamide diuretics |
 |
|
C03CA01 |
Furosemide |
solution for injection 1%, 2 ml |
ampoule |
|
C07 |
Beta blockers |
 |
|
C07A |
Beta blockers |
 |
|
C07AB |
Selective beta - blockers |
 |
|
C07AB02 |
Metoprolol |
solution for intravenous administration 1 mg / ml 5 ml |
ampoule |
|
C09 |
Drugs affecting the renin - angiotensin system |
 |
|
C09A |
Inhibitors of angiotensin - converting enzyme (ACE) |
 |
|
C09AA02 |
Enalapril |
solution for injection 1.25 mg / ml 1 ml |
ampoule |
|
D |
Dermatology |
 |
|
D03 |
Preparations for the treatment of wounds and ulcers |
 |
|
D08 |
Antiseptics and disinfectants |
 |
|
D08AG |
Iodine preparations |
 |
|
D08AG03 |
Iodine |
bottle. |
|
D08AX |
Other antiseptics and disinfectants |
 |
|
D08AX |
Brilliant green |
bottle |
|
D08AX01 |
Hydrogen peroxide |
solution for external use 3% 40 ml |
bottle |
|
D08AX08 |
Ethanol |
solution 70% 50 ml in a bottle |
bottle |
|
H |
Hormones for systemic use, excluding sex hormones and insulins |
 |
|
H01 |
Hormones of the hypothalamus and pituitary gland and their analogues |
 |
|
H01B |
Posterior pituitary hormones |
 |
|
H01BB |
Oxytocin and its analogues |
 |
|
H01BB02 |
Oxytocin |
solution for injection 5 U / ml 1 ml |
ampoule |
|
H02 |
Systemic corticosteroids |
 |
|
H02A |
Systemic corticosteroids |
 |
|
H02AB |
Glucocorticoids |
 |
|
H02AB06 |
Prednisolone |
solution for injection 30 mg / ml 1 ml |
ampoule |
|
M |
Musculoskeletal system |
 |
|
M01 |
Anti-inflammatory and anti-rheumatic drugs |
 |
|
M01A |
Non-steroidal anti-inflammatory and antirheumatic drugs |
 |
|
M01AB |
Acetic acid derivatives |
 |
|
M01AB05 |
Diclofenac sodium |
solution for intravenous and intramuscular administration 75mg / 3ml, 3 ml |
ampoule |
|
M01AE |
Derivatives of propionic acid |
 |
|
M01AE01 |
Ibuprofen |
suspension 100 mg / 5 ml, 100 ml |
bottle |
|
M01AE03 |
Ketoprofen |
solution for injection 100 mg / 2 ml; |
ampoule |
|
M03 |
Muscle relaxants |
 |
|
M03A |
Muscle relaxants of peripheral action |
 |
|
M03AB |
Choline derivatives |
 |
|
M03AB01 |
Suxamethonium chloride |
solution for injection 0.1 g / 5 ml |
ampoule |
|
M03AC |
Other quaternary ammonium compounds |
 |
|
M03AC06 |
Pipecuronium bromide |
Powder lyophilized for solution for intravenous administration of 4 mg |
bottle |
|
N |
Nervous system |
 |
|
N01 |
Anesthetics |
 |
|
N01A |
General anesthesia drugs |
 |
|
N01AH |
Opioid analgesics |
 |
|
N01AH01 |
Fentanyl |
solution for injection 0.005% |
ampoule |
|
N01AX |
Other drugs for general anesthesia |
 |
|
N01AX10 |
Profol |
emulsion for intravenous administration 10 mg / ml, 20 ml |
emulsion |
|
N01B |
Preparations for local anesthesia |
 |
|
N01BA |
Esters of aminobenzoic acid |
 |
|
N01BA02 |
Procaine |
solution for injection 0.5% 5 ml |
ampoule |
|
N01BB |
Amides |
 |
|
N01BB02 |
Lidocaine |
injection
2% 2 ml |
ampoule |
|
N02 |
Analgesics |
 |
|
N02A |
Opioids |
 |
|
N02AA |
Natural opium alkaloids |
 |
|
N02AA01 |
Morphine |
injection
1% at 1 ml |
ampoule |
|
N02AB |
Derivative phenylpiperidine |
 |
|
N02AB |
Trimeperidine |
solution for injection 2%, 1 ml |
ampoule |
|
N02AX |
Other opioids |
 |
|
N02AX02 |
Tramadol |
injection
5% 2 ml |
ampoule |
|
N02B |
Analgesics and antipyretics |
 |
|
N02BE |
Anilides |
 |
|
N02BE01 |
Paracetamol |
rectal suppositories 80 mg, 100 mg, 250 mg; suspension for oral administration 120 mg / 5 ml, 100 ml |
rectal suppositories
oral suspension |
|
N03 |
Antiepileptic drugs |
 |
|
N03AG |
Fatty acid derivatives |
 |
|
N03AG01 |
Valproic acid |
solution for injection 100 mg / ml, 5 ml |
ampoule |
|
N05 |
Psycholeptics |
 |
|
N05B |
Anxiolytics |
 |
|
N05BA |
derivatives of benzodiazepine |
 |
|
N05BA01 |
Diazepam |
solution for intramuscular and intravenous injection 5 mg / ml, 2 ml |
ampoule |
|
R |
Respiratory system |
 |
|
R03 |
Drugs for the treatment of bronchial asthma |
 |
|
R03A |
Sympathomimetics for inhalation use |
 |
|
R03AC |
Selective beta - 2 - adrenomimetics |
 |
|
R03AC02 |
Salbutamol |
aerosol for inhalation, dosed 100 mg / dose, 200 doses |
bottle |
|
R03AL |
Sympathomimetics in combination with anticholinergics, including triple combinations with corticosteroids |
 |
|
R03AL01 |
Fenoterol and Ipratropium bromide |
solution for inhalation, 20 ml |
|
R03D |
Other drugs for the treatment of bronchial asthma for systemic use |
 |
|
R03DA |
derivatives of xanthine |
 |
|
R03DA05 |
Aminophylline |
solution for injection 2.4% |
ampoule |
|
R06 |
Antihistamines for systemic use |
 |
|
R06AA |
Aminoalkyl ethers |
 |
|
R06AA02 |
Diphenhydramine |
solution for injection 1% 1 ml |
ampoule |
|
R06AC |
Substituted ethylenediamines |
 |
|
R06AC03 |
Chloropyramine |
solution for injection 2%, 1 ml |
ampoule |
|
R07 |
Other drugs for the treatment of respiratory diseases |
 |
|
R07AB |
Ammonia |
bottle |
|
V |
Other drugs |
 |
|
V03 |
Other miscellaneous drugs |
 |
|
V03AB |
Antidotes |
 |
|
V03AB06 |
Sodium thiosulfate |
solution for injection 30%, 10 ml |
ampoule |

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