

МИНОБРНАУКИ РОССИИ

**Федеральное государственное бюджетное образовательное
учреждение высшего образования "Пермский
государственный национальный исследовательский
университет"**

**Кафедра неорганической химии, химической технологии и техносферной
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Рабочая программа дисциплины

FIRST AID

Код УМК 93085

**Утверждено
Протокол №4
от «19» марта 2020 г.**

Пермь, 2020

1. Наименование дисциплины

First aid

2. Место дисциплины в структуре образовательной программы

Дисциплина входит в Блок « С.1 » образовательной программы по направлениям подготовки (специальностям):

Специальность: **33.05.01** Фармация

направленность Программа широкого профиля (для иностранных граждан)

3. Планируемые результаты обучения по дисциплине

В результате освоения дисциплины **First aid** у обучающегося должны быть сформированы следующие компетенции:

33.05.01 Фармация (направленность : Программа широкого профиля (для иностранных граждан))

ПКВ.4 способен оказывать первую помощь на территории фармацевтической организации при неотложных состояниях у посетителей и сотрудников организации до приезда бригады скорой помощи

4. Объем и содержание дисциплины

Направления подготовки	33.05.01 Фармация (направленность: Программа широкого профиля (для иностранных граждан))
форма обучения	очная
№№ триместров, выделенных для изучения дисциплины	10
Объем дисциплины (з.е.)	2
Объем дисциплины (ак.час.)	72
Контактная работа с преподавателем (ак.час.), в том числе:	28
Проведение лекционных занятий	14
Проведение практических занятий, семинаров	14
Самостоятельная работа (ак.час.)	44
Формы текущего контроля	Письменное контрольное мероприятие (3)
Формы промежуточной аттестации	Зачет (10 триместр)

5. Аннотированное описание содержания разделов и тем дисциплины

First aid: definitions, types, methods. Assessment of vital functions of the victim. Diagnosis of death. Indications and contraindications for cardiopulmonary resuscitation

The role, place, tasks and scope of pre-hospital care in the system of stage-by-stage treatment of victims/affected in emergency situations of peace and war. Inspection of the scene. functional state of the human body (disease, health, critical condition).

Terminal States (agonal, preagonal, terminal pause, clinical death). The concept of tanatogenesis. Assessment of the victim. The main methods of cardiopulmonary resuscitation (restoration of patency of the upper respiratory tract, artificial respiration by mouth-to-mouth type), the main methods of cardiopulmonary resuscitation, types and techniques of heart massage. Auxiliary methods of complex cardiopulmonary resuscitation. Errors and complications in its conduct. Indications and contraindications to resuscitation.

Cardio-pulmonary resuscitation. Restoration of airway patency. Mechanical ventilation. Methods of restoring respiration. Errors and complications of resuscitation

First aid in conditions that threaten human life. Definition of acute respiratory insufficiency, nosology, accompanied by the development of ODN. Scheme of first aid.

Artificial ventilation, methods and techniques

Cardiopulmonary resuscitation: methods of restoration of blood circulation, errors and complications of resuscitation . Features of the organization of CPR, duration and termination.

Terminal state. Cardio-pulmonary resuscitation. Classification of conditions that threaten the lives of victims and sudden illness. Clinical signs and features of cardiovascular insufficiency. Causes of fainting, shock, collapse. Characteristics of terminal States, clinical death. Principles and methods of emergency first aid in terminal conditions and clinical death. Technique of indirect massage of heart

Emergency conditions: definitions, clinical picture, first aid

Definition - the state of emergency. Selection criteria: urgent and "planned". Groups of urgent conditions on the mechanism of occurrence. Basic emergency conditions. The main pathogenetic mechanisms of development of emergency conditions

Acute poisoning, classification. Clinical picture of the most common acute poisoning, emergency care

Poisonings. The main types of toxic substances, classification. Acute poisoning by chemically hazardous substances emergency AHS
The basic properties of the APB. The way of contact with poisonous substances in the body. Medical and tactical characteristics of the foci of chemical contamination, depending on the resistance and duration of the toxic effect of ACES. Diagnosis of acute poisoning poisonous substances. First aid in patients with poisoning. Therapeutic measures for victims:

- with chemical lesions of toxic substances;
- with acute poisoning drugs;
- with household poisoning;
- with snake bites, insect stings, food poisoning

Bleeding: definition, types, clinical picture. Ways to temporarily stop bleeding. Wounds, classification. First aid for acute blood loss

Bleeding, blood loss. The provision of first aid.

Classification of bleeding. Reliable and probable signs of external arterial, venous, mixed bleeding. Common signs of blood loss. Reliable and probable signs of intracavitary bleeding. Methods of stopping external bleeding. The volume of first aid for bleeding and blood loss at the prehospital stage of treatment. Ways to compensate for blood loss. Organization of blood substitutes transfusion. The main clinical signs of transfusion complications, ways of their prevention

Classification of wounds. Clinical characteristics of stab, cut, chopped, torn, torn, crushed, bruised, gunshot, bitten wounds. The volume of emergency first aid and first aid for injuries. General concepts of the wound process. Technique toilets wounds. The role of primary surgical treatment of wounds during the wound process. The main stages of primary surgical treatment of wounds. Types of wound healing. Local signs of early wound complications, ways of their prevention and treatment

Burns. Frostbites. Determination of the severity of the condition of the victim. First aid measures for burns and frostbite

Classification of burns and frostbite. Methods of determination of square and depth of thermal injuries. The main clinical signs of periods of burn disease. Criteria of severity of the burned. Principles of providing pre-medical care for thermal lesions and care for patients who have suffered thermal burns and frostbite. Features of care for burned in the period of burn shock. The volume of pre-medical care for burns with concentrated solutions of acids and alkalis, radiation burns.

Accidents: first aid, transportation of the victim

Definition - the state of emergency. Selection criteria:urgent and "planned". Groups of urgent conditions on the mechanism of occurrence.Basic emergency conditions. The main pathogenetic mechanisms of development of emergency conditions

Asphyxia. Violations of thermoregulation: heat, sunstroke. Supercooling, freezing. Electric trauma. Drownings.

Asphyxia (suffocation) types of asphyxia, General signs, duration .Heat stroke.Causes of heat stroke, Clinical picture, first aid. Sunstroke, forms, clinical picture, first aid. Hypothermia (hypothermia), causes,degrees and symptoms of hypothermia. First aid Features resuscitation in drowning and electric shock.

Injuries: definitions, classification, clinical picture. Immobilization and obozbovanie. First aid for various types of injuries. Transportation of victims.

Damage to the musculoskeletal system. Transport immobilization

Types of injuries. Characteristics of closed soft tissue injuries. Clinic, diagnosis, bruises, especially the provision of first aid for soft tissue injuries. Reliable and probable symptoms of damage to the ligamentous apparatus and limb muscles. Principles of first aid in case of bruises, closed injuries of the ligamentous apparatus of joints and muscles. Features of the provision of pre-hospital medical care for long-term compression syndrome.

Classification of damage to bones and joints, reliable and probable signs of fractures. Clinical picture of the most common traumatic dislocations. First aid in case of suspected fracture, dislocation. Indications and means of transport immobilization. Rules of imposing of service transport tires at the open and closed damages of extremities.

Impairment of consciousness. Faint. Comas. Differential diagnosis, first aid.

Emergency conditions:

- * acute dysfunction of the cardiovascular system (sudden cardiac arrest, collapse, shock (traumatic, burn, anaphylactic);
- acute impairment of the function of respiration (suffocation when drowning, ingestion of a foreign body in the upper respiratory tract);
- * acute dysfunction of the Central nervous system (fainting, coma).

Dressing

The General concept of historical information about the bandages. Types, rules for applying bandages. Especially the application of bandages on different parts of the body (head, torso, upper and lower limbs).

Rules of asepsis and antisepsis in the provision of medical care. Safety of the victim and personnel at the scene. Features of care for patients in critical condition

Basic concepts of aseptic and antiseptic. The founders of the antiseptic method (L. Pasteur, D. Lister, M. S. Subbotin, N. In. Sklifosovsky, etc.), the sources of infection and the main ways of their introduction into the body. Types of antiseptics. General characteristics of the main antiseptic agents. Features of antiseptic measures at mass defeats.

Asepsis. Methods of infection prevention. The current state of aseptic issues. Sterilization of instruments, dressing material, operating clothes, rubber products, optical instruments. Preparation of the surgical field and hands of the surgeon in the provision of assistance in extreme conditions and in the planned work.

Allergy. Anaphylactic shock. Bronchial asthma. Pollinosis. First aid.

Allergy. Etiology, pathogenesis of allergic reactions of delayed and immediate type. Anaphylactic shock, asthma, pollinosis clinic, first aid, prevention

Organizational basis of first aid in case of mass injuries.

Standards of conduct and emergency procedures

Means for first aid and first aid. The procedure at the scene. Transportation of the victim from the hearth of an emergency. Assessment of the nature of lesions and severity of the victim. The volume of first aid and first aid. Rules for removing clothes and shoes from the victim.

6. Методические указания для обучающихся по освоению дисциплины

Освоение дисциплины требует систематического изучения всех тем в той последовательности, в какой они указаны в рабочей программе.

Основными видами учебной работы являются аудиторские занятия. Их цель - расширить базовые знания обучающихся по осваиваемой дисциплине и систему теоретических ориентиров для последующего более глубокого освоения программного материала в ходе самостоятельной работы. Обучающемуся важно помнить, что контактная работа с преподавателем эффективно помогает ему овладеть программным материалом благодаря расстановке необходимых акцентов и удержанию внимания интонационными модуляциями голоса, а также подключением аудио-визуального механизма восприятия информации.

Самостоятельная работа преследует следующие цели:

- закрепление и совершенствование теоретических знаний, полученных на лекционных занятиях;
- формирование навыков подготовки текстовой составляющей информации учебного и научного назначения для размещения в различных информационных системах;
- совершенствование навыков поиска научных публикаций и образовательных ресурсов, размещенных в сети Интернет;
- самоконтроль освоения программного материала.

Обучающемуся необходимо помнить, что результаты самостоятельной работы контролируются преподавателем во время проведения мероприятий текущего контроля и учитываются при промежуточной аттестации.

Обучающимся с ОВЗ и инвалидов предоставляется возможность выбора форм проведения мероприятий текущего контроля, альтернативных формам, предусмотренным рабочей программой дисциплины. Предусматривается возможность увеличения в пределах 1 академического часа времени, отводимого на выполнение контрольных мероприятий.

Процедура оценивания результатов обучения инвалидов и лиц с ограниченными возможностями здоровья по дисциплине предусматривает предоставление информации в формах, адаптированных к ограничениям их здоровья и восприятия информации.

При проведении текущего контроля применяются оценочные средства, обеспечивающие передачу информации, от обучающегося к преподавателю, с учетом психофизиологических особенностей здоровья обучающихся.

7. Перечень учебно-методического обеспечения для самостоятельной работы обучающихся по дисциплине

При самостоятельной работе обучающимся следует использовать:

- конспекты лекций;
- литературу из перечня основной и дополнительной учебной литературы, необходимой для освоения дисциплины (модуля);
- текст лекций на электронных носителях;
- ресурсы информационно-телекоммуникационной сети "Интернет", необходимые для освоения дисциплины;
- лицензионное и свободно распространяемое программное обеспечение из перечня информационных технологий, используемых при осуществлении образовательного процесса по дисциплине;
- методические указания для обучающихся по освоению дисциплины.

8. Перечень основной и дополнительной учебной литературы

Основная:

1. Catherine J. Goodhue. Nursing Management of Pediatric Disaster / Catherine J. Goodhue, Nancy Blake // Publisher Name: Springer, Cham. — 2020. — 413 p. — ISBN 978-3-030-43428-1. — [Электронный ресурс]. <https://link.springer.com/book/10.1007/978-3-030-43428-1>

Дополнительная:

1. Staci Defibaugh. Nurse Practitioners and the Performance of Professional Competency / Staci Defibaugh // Publisher Name: Palgrave Macmillan, Cham. — 2018. — 133 p. — ISBN 978-3-319-68354-6. — [Электронный ресурс]. <https://link.springer.com/book/10.1007/978-3-319-68354-6>

2. Markus Müller. Clinical Pharmacology: Current Topics and Case Studies / Markus Müller // Publisher Name: Springer, Cham. — 2016. — 405 p. — ISBN 978-3-319-27347-1. — [Электронный ресурс]. <https://link.springer.com/book/10.1007/978-3-319-27347-1>

3. David MacGarty. Disaster Medicine / David MacGarty, David Nott // Publisher Name: Springer, London. — 2013. — 390 p. — ISBN 978-1-4471-4423-6. — [Электронный ресурс]. <https://link.springer.com/book/10.1007/978-1-4471-4423-6>

9. Перечень ресурсов сети Интернет, необходимых для освоения дисциплины

<http://link.springer.com/> ЭБС SpringerLink

<https://psu.bibliotech.ru/Account/LogOn> ЭБС Библиотех

<http://meduniver.com/Medical/Book/index.htm> Медицинская электронная библиотека

www.mednavigator.net Медицинский информационно – поисковый сайт "МЕДНАВИГАТОР"

10. Перечень информационных технологий, используемых при осуществлении образовательного процесса по дисциплине

Образовательный процесс по дисциплине **First aid** предполагает использование следующего программного обеспечения и информационных справочных систем:

presentation materials (slides on the topics of lectures and practical classes);

online access to the Electronic Library System (ELS)

access to the electronic information and educational environment of the university.

При освоении материала и выполнении заданий по дисциплине рекомендуется использование материалов, размещенных в Личных кабинетах обучающихся ЕТИС ПГНИУ (student.psu.ru).

При организации дистанционной работы и проведении занятий в режиме онлайн могут использоваться:

система видеоконференцсвязи на основе платформы BigBlueButton (<https://bigbluebutton.org/>).

система LMS Moodle (<http://e-learn.psu.ru/>), которая поддерживает возможность использования текстовых материалов и презентаций, аудио- и видеоконтент, а так же тесты, проверяемые задания, задания для совместной работы.

система тестирования Indigo (<https://indigotech.ru/>).

11. Описание материально-технической базы, необходимой для осуществления образовательного процесса по дисциплине

1. The material and technical base is provided by the presence of:

a) buildings and premises located at Perm State University on the rights of operational management, lease, drawn up in accordance with applicable requirements, where the individual and classroom training of graduate students in the discipline. Provision of one student, reduced to full-time education, common training areas, meets the regulatory criteria;

b) foundations and structural departments of the Scientific library of Perm state University (for preparing classes), including a reading room of the library, Perm, Russia;

c) personal computers of teachers and students, other computer equipment in the classrooms PSU necessary to perform independent work, as well as the organization of work in the audience;

d) multimedia equipment for presentation of results of independent work of students, demonstration of slide presentations during practical classes;

e) the telecommunication equipment and software necessary for implementation of OOP and ensuring physical access to the information networks used in educational process and research activity;

(e) intellectual property rights required for the implementation of the educational process and research activities (in General for PSU).

2. The following equipment is required to study first aid:

- devices for measuring blood PRESSURE;

- phonendoscopes;

- demonstration equipment (projector, laptop, screen);

- computer equipment;

- phantom for practicing skills of cardiopulmonary resuscitation;

- the phantoms to practice skills intramuscular, subcutaneous, internal rivenich injection;
- a set of materials for applying bandages, tires;
- rubber bands to stop external bleeding;
- gastric lavage probes.

Помещения научной библиотеки ПГНИУ для обеспечения самостоятельной работы обучающихся:

1. Научно-библиографический отдел, корп.1, ауд. 142. Оборудован 3 персональными компьютера с доступом к локальной и глобальной компьютерным сетям.

2. Читальный зал гуманитарной литературы, корп. 2, ауд. 418. Оборудован 7 персональными компьютерами с доступом к локальной и глобальной компьютерным сетям.

3. Читальный зал естественной литературы, корп.6, ауд. 107а. Оборудован 5 персональными компьютерами с доступом к локальной и глобальной компьютерным сетям.

4. Отдел иностранной литературы, корп.2 ауд. 207. Оборудован 1 персональным компьютером с доступом к локальной и глобальной компьютерным сетям.

5. Библиотека юридического факультета, корп.9, ауд. 4. Оборудована 11 персональными компьютерами с доступом к локальной и глобальной компьютерным сетям.

6. Читальный зал географического факультета, корп.8, ауд. 419. Оборудован 6 персональными компьютерами с доступом к локальной и глобальной компьютерным сетям.

Все компьютеры, установленные в помещениях научной библиотеки, оснащены следующим программным обеспечением:

Операционная система ALT Linux;

Офисный пакет Libreoffice.

Справочно-правовая система «КонсультантПлюс»

**Фонды оценочных средств для аттестации по дисциплине
First aid**

**Планируемые результаты обучения по дисциплине для формирования компетенции и
критерии их оценивания**

Компетенция	Планируемые результаты обучения	Критерии оценивания результатов обучения
<p>ПКВ.4 способен оказывать первую помощь на территории фармацевтической организации при неотложных состояниях у посетителей и сотрудников организации до приезда бригады скорой помощи</p>	<p>Know: the legal responsibility in refusing to provide first aid to patients; the rights of the patient in providing him with emergency care; the consequences of exposure to traumatic, harmful, damaging factors; signs of life-threatening conditions; principles of providing pre-medical care in life-threatening conditions; techniques and methods of providing first aid to suddenly ill and injured people; Be able to: own express diagnostics of conditions requiring first aid; observe the rights of the patient in providing him with emergency care; According to simple clinical signs, assess the general condition of a suddenly ill or injured person: the state of consciousness; the cardiovascular system (pulse rate, blood pressure); the respiratory system (the nature and type of breathing, respiratory rate, the presence of shortness of breath); Recognize the state of clinical death and carry out resuscitation measures: according to indications, eliminate mechanical asphyxia; perform artificial respiration by mouth-to-mouth and using an air duct; perform indirect heart massage; organize oxygen inhalation; Possess the skills of: cardiopulmonary resuscitation in thermal</p>	<p align="center">Неудовлетворител Learner in answering questions allows multiple errors of principle, allow inaccuracies in the definition of concepts, distort their meaning, randomly and uncertainly set out the material.</p> <p align="center">Удовлетворительн Knowledge of the basic educational and program material to the extent necessary for further study and future work in the specialty, coping with the tasks provided by the program, but allowed inaccuracies in the definition of concepts, in the application of knowledge to solve professional problems.</p> <p align="center">Хорошо Full knowledge of educational and program material, successfully completed practical tasks, learned the basic recommended literature, which showed the systematic nature of knowledge of the discipline, the Content and form of the answer allow some inaccuracies</p> <p align="center">Отлично Comprehensive systematic knowledge of educational and software material, the ability to freely perform practical tasks, as close as possible to future professional activities in standard and non-standard situations, learned the relationship of the basic concepts of the discipline in their meaning for the acquired specialty, showed creativity in understanding, presentation and use of educational and software material.</p>

Компетенция	Планируемые результаты обучения	Критерии оценивания результатов обучения
	<p>conditions; performing mouth-to-mouth and mouth-to-nose artificial respiration; performing closed heart massage; helping with fainting, collapse; treating and dressing wounds to temporarily stop bleeding; applying bandages to various parts of the body; gastric lavage; transport immobilization of limbs in case of injuries; removal of foreign particles of the eye; intramuscular and subcutaneous injections;</p>	
<p>ПКВ.4 способен оказывать первую помощь на территории фармацевтической организации при неотложных состояниях у посетителей и сотрудников организации до приезда бригады скорой помощи</p>	<p>Know: - the main clinical signs of pathological conditions that threaten the life of the patient (victim) and require urgent pre-medical care; - the order and sequence of pre-medical care measures to save the lives of victims and suddenly ill; Be able to: assess the general condition of a suddenly ill or injured person; - use first aid techniques; provide pre-medical medical assistance to victims-identify signs of clinical death and carry out resuscitation measures when providing self-help, mutual assistance; * interact with emergency medical teams and rescuers; prepare the patient for transportation; monitor and care for the injured during transportation, depending on the nature of the damaging factor; Possess: - first aid in emergency situations; - carrying out resuscitation measures in case of trauma, thermal injuries.</p>	<p>Неудовлетворител Exhibited to the learner, allowing to answer the questions multiple errors of a fundamental nature, haphazard knowledge, allow for inaccuracies in the determination of the concepts can't apply the knowledge for solving professional tasks.</p> <p>Удовлетворительн It is exposed to the student who has found knowledge of the main educational and program material in the volume necessary for further study and the forthcoming work on specialty, but allowed inaccuracies in the definition of concepts in the application knowledge to solve professional problems, the inability to justify their arguments;</p> <p>Хорошо It is exhibited to the student who has found full knowledge of educational and program material, successfully completed practical tasks, who showed a systematic the nature of knowledge in the discipline, capable of their independent replenishment. The content and form of the answer allow some inaccuracies.</p> <p>Отлично It is exposed to the student who has found out comprehensive systematic knowledge of</p>

Компетенция	Планируемые результаты обучения	Критерии оценивания результатов обучения
		<p style="text-align: center;">Отлично</p> <p>educational and program material, ability freely to carry out the practical tasks which are as close as possible to future professional activity in standard and non-standard situations, learned the relationship of the basic concepts of discipline in their meaning for the acquired specialty</p>
<p>ПКВ.4 способен оказывать первую помощь на территории фармацевтической организации при неотложных состояниях у посетителей и сотрудников организации до приезда бригады скорой помощи</p>	<p>Know: the essence and significance of the use of first aid techniques for poisoning; characteristic signs of various types of poisoning; Be able to: use first aid techniques; determine the condition of the victim by external signs; choose the most effective method of first aid and means (including improvised) for its implementation Possess: technologies for the use of various first aid techniques; techniques for providing care for the sick and affected, to carry out measures for their hygienic maintenance; skills of gastric lavage</p>	<p style="text-align: center;">Неудовлетворител</p> <p>Learner in answering questions allows multiple errors of principle, allow inaccuracies in the definition of concepts, distort their meaning, randomly and uncertainly set out the material.</p> <p style="text-align: center;">Удовлетворительн</p> <p>Knowledge of the basic educational and program material to the extent necessary for further study and future work in the specialty, coping with the tasks provided by the program, but allowed inaccuracies in the definition of concepts, in the application of knowledge to solve professional problems.</p> <p style="text-align: center;">Хорошо</p> <p>Full knowledge of educational and program material, successfully completed practical tasks, learned the basic recommended literature, which showed the systematic nature of knowledge of the discipline, the Content and form of the answer allow some inaccuracies</p> <p style="text-align: center;">Отлично</p> <p>Comprehensive systematic knowledge of educational and software material, the ability to freely perform practical tasks, as close as possible to future professional activities in standard and non-standard situations, learned the relationship of the basic concepts of the discipline in their meaning for the acquired specialty, showed creativity in understanding, presentation and use of educational and software material;</p>

Оценочные средства текущего контроля и промежуточной аттестации

Схема доставки : Базовая

Вид мероприятия промежуточной аттестации : Зачет

Способ проведения мероприятия промежуточной аттестации : Оценка по дисциплине в рамках промежуточной аттестации определяется на основе баллов, набранных обучающимся на контрольных мероприятиях, проводимых в течение учебного периода.

Максимальное количество баллов : 100

Конвертация баллов в отметки

«отлично» - от 81 до 100

«хорошо» - от 61 до 80

«удовлетворительно» - от 42 до 60

«неудовлетворительно» / «незачтено» менее 42 балла

Компетенция	Мероприятие текущего контроля	Контролируемые элементы результатов обучения
<p>ПКВ.4 способен оказывать первую помощь на территории фармацевтической организации при неотложных состояниях у посетителей и сотрудников организации до приезда бригады скорой помощи</p>	<p>Cardiopulmonary resuscitation: methods of restoration of blood circulation, errors and complications of resuscitation . Features of the organization of CPR, duration and termination.</p> <p>Письменное контрольное мероприятие</p>	<p>Means for first aid and first aid. The procedure at the scene. Transportation of the victim from the hearth of an emergency. Assessment of the nature of lesions and severity of the victim. The volume of first aid and first aid. Terminal state.</p> <p>Cardio-pulmonary resuscitation. Classification of conditions that threaten the lives of victims and sudden illness. Clinical signs and features of acute pulmonary and cardiovascular insufficiency. Causes of fainting, shock, collapse. Classification of shock. The volume of emergency first aid for fainting, shock, collapse.</p> <p>Characteristics of terminal States, clinical death. Principles and methods of emergency first aid in terminal conditions and clinical death. Technique of indirect heart massage and artificial respiration. Rules rotorshredder, duct.</p> <p>Features of resuscitation measures for drowning and electric shock.</p>

Компетенция	Мероприятие текущего контроля	Контролируемые элементы результатов обучения
<p>ПКВ.4 способен оказывать первую помощь на территории фармацевтической организации при неотложных состояниях у посетителей и сотрудников организации до приезда бригады скорой помощи</p>	<p>Injuries: definitions, classification, clinical picture. Immobilization and obozbolivanie. First aid for various types of injuries. Transportation of victims. Письменное контрольное мероприятие</p>	<p>The concept of wound classification of wounds and their origin. Arterial and venous bleeding. External and internal bleeding. Aseptic and antiseptic. First aid for bleeding. Fractures. The concept of fractures. Open and closed fractures. Immobilization in various types of fractures. Traumatic brain injury. Classification of traumatic brain injury. Reliable clinical signs of open and closed TBI. The main symptoms of concussion, bruising and compression of the brain. Chest injuries. Fractures to the collarbone, ribs. Damage to the lungs, heart, blood vessels and diaphragm. Pneumothorax, hemothorax. Abdominal injury. Mechanical damage. Traumatic shock. Phases of traumatic shock. Traumatic shock clinic. Prevention of traumatic shock</p>
<p>ПКВ.4 способен оказывать первую помощь на территории фармацевтической организации при неотложных состояниях у посетителей и сотрудников организации до приезда бригады скорой помощи</p>	<p>Organizational basis of first aid in case of mass injuries. Письменное контрольное мероприятие</p>	<p>Two-stage system of medical care and treatment of victims. Medical and evacuation support in emergency situations. Medical and evacuation measures. Types of medical sorting. Intra-point sorting. Evacuation and transport sorting. Classification on the basis of need. Means for first aid and first aid. The procedure at the scene. Transportation of the victim from the hearth of an emergency. Assessment of the nature of lesions and severity of the victim. The volume of first aid and first aid.</p>

Спецификация мероприятий текущего контроля

Cardiopulmonary resuscitation: methods of restoration of blood circulation, errors and complications of resuscitation . Features of the organization of CPR, duration and termination.

Продолжительность проведения мероприятия промежуточной аттестации: **1 часа**

Условия проведения мероприятия: **в часы аудиторной работы**

Максимальный балл, выставляемый за мероприятие промежуточной аттестации: **33**

Проходной балл: **14**

Показатели оценивания	Баллы
Knowledge of the problems of the studied section. From 81%- up to 100% of the correct answers	

from the total number of submitted tests	33
Knowledge of the problems of the studied section. From 42% to 60% of the correct answers from the total number of submitted tests.	14
Made significant mistakes in the knowledge of the problems of the studied section. From 0% to 40% of the correct answers from the total number of submitted tests	13

Injuries: definitions, classification, clinical picture. Immobilization and obozbolivanie. First aid for various types of injuries. Transportation of victims.

Продолжительность проведения мероприятия промежуточной аттестации: **1 часа**

Условия проведения мероприятия: **в часы аудиторной работы**

Максимальный балл, выставляемый за мероприятие промежуточной аттестации: **34**

Проходной балл: **14**

Показатели оценивания	Баллы
Knowledge of the problems of the studied section. From 81%- up to 100% of the correct answers from the total number of submitted tests	34
Knowledge of the problems of the studied section. From 42% to 60% of the correct answers from the total number of submitted tests.	14
Made significant mistakes in the knowledge of the problems of the studied section. From 0% to 40% of the correct answers from the total number of submitted tests	13

Organizational basis of first aid in case of mass injuries.

Продолжительность проведения мероприятия промежуточной аттестации: **1 часа**

Условия проведения мероприятия: **в часы самостоятельной работы**

Максимальный балл, выставляемый за мероприятие промежуточной аттестации: **33**

Проходной балл: **14**

Показатели оценивания	Баллы
Knowledge of the problems of the studied section. From 81%- up to 100% of the correct answers from the total number of submitted tests	33
Knowledge of the problems of the studied section. From 42% to 60% of the correct answers from the total number of submitted tests.	14
Made significant mistakes in the knowledge of the problems of the studied section. From 0% to 40% of the correct answers from the total number of submitted tests	13