

First Aid Practice

Аннотация:

First aid practice is intended for students of the specialty "Pharmacy".

The practice of providing first aid is a continuation of the educational process, during its passage, students consolidate and expand the theoretical knowledge and skills they have about methods of providing first aid, caring for the sick. Students undergo medical introductory practice on the basis of multidisciplinary medical institutions.

Цель:

The goals of the practice in providing first aid are to consolidate and deepen the theoretical training of the student, to acquire primary professional skills and abilities for the formation of ideas about the future specialty, readiness to conduct outreach work to promote a healthy lifestyle and life safety.

Задачи:

The objectives of the discipline "First aid practice" are:

- * familiarity with the structure and organization of the hospital;
- * familiarity with the work of departments, diagnostic and treatment rooms, hospital pharmacy;
- * study of registration of lists of appointments, rules of discharge, receipt, storage and delivery of medicines to patients;
- * familiarity with the packaging of medicines and existing leaflet inserts (in the amount of drugs available at nursing posts, in the hospital pharmacy, etc.);
- * familiarization with the primary skills for patient care and the implementation of some nursing manipulations, in particular the acquisition of skills of opening ampoules, vials, working out the technique of drug recruitment into a syringe and performing subcutaneous and intramuscular injections;
- * acquisition of skills of care of seriously ill and injured (skin care and prevention of bedsores, change of underwear and bed linen, feeding of the vessel and the urinal, the help at meal);
- * mastering the basic skills of observation of patients and victims (assessment of the state of consciousness, pulse study, blood PRESSURE measurement);
- * practicing practical skills during the following procedures: oxygen therapy, quartz rooms, setting jars, mustard, hot water bottles, compresses, cleansing enemas and gastric lavage, as well as instilling drops in the eyes, ears, nose, distribution of dosage forms to patients, etc.;
- familiarization with the nature of sonpreference in the hospital.
- * mastering the principles of medical ethics and deontology.

Group project work (Practice in general pharmaceutical technology)

Аннотация:

The practice provides a systematic understanding of the methods of work and the principles of the organization of the pharmaceutical business at its various stages. Students perform practical work aimed at organizing modern industrial pharmaceutical production, master the rules of GxP and GMP, processes and devices in the production of medicines. In practice, they study the organization of personnel work at pharmaceutical enterprises, taking into account the requirements of safety, labor protection, industrial sanitation and environmental protection, consolidate knowledge of regulatory documents regulating the production of medicines

Цель:

The purpose of Practice in general pharmaceutical technology is to develop and consolidate the professional competencies necessary for the practical work of a pharmacist in the field of production and quality control of finished dosage forms (FDF). Consolidation of theoretical knowledge and practical skills obtained in the study of pharmaceutical technology of pharmaceutical products in industrial production.

Задачи:

Tasks of practice:

- 1) get an idea about the work of the main and auxiliary shops of the pharmaceutical enterprise;
- 2) get acquainted with the order of input control of raw materials, auxiliary materials, reagents;
- 3) to study the technological instructions for the production of medicines;
- 4) get acquainted with the main processes and devices of pharmaceutical technology of industrial drugs;
- 5) to study the technology, processes and equipment used in the production of finished dosage forms and master the main sections of the industrial regulations for the production of medical products;
- 6) to study normative documents on system of preparation of water for the production purposes, air preparation and certification of clean rooms, on preparation of the personnel for work in rooms of classes of purity D, C and B.
- 7) learn to justify the rational technology of dosage forms of industrial production, to study the requirements for packaging of finished products, storage conditions of FDF.

Pharmaceutical Consulting and Information Practice

Аннотация:

The practice is based on knowledge of management and Economics of pharmacy, economic theory, history of pharmacy, psychology of relationship "pharmacist-consumer", organization of pharmaceutical business, medical and pharmaceutical merchandising, pharmaceutical marketing and entrepreneurship, pharmacology, clinical pharmacology, pharmaceutical chemistry, pharmaceutical technology, pharmacognosy. The knowledge and skills gained during the practice are necessary for future professionals to solve specific problems of practical activity of the pharmacist-consultant in sales in pharmacies, wholesale pharmaceutical organizations and pharmaceutical companies.

Цель:

The objectives of the practice are to gain students professional skills and experience in professional activities in the implementation of pharmaceutical information and consultation of patients when dispensing and selling drugs for medical use and other goods in the pharmacy range on the basis of theoretical knowledge and skills and formed professional competencies, mastering the current procedures for replacing a prescribed drug, drug for synonymous and similar drugs within the same INN and prices for them, taking into account the bioformation characteristics of dosage forms in the conditions of real pharmaceutical activity.

Задачи:

The objectives of the practice are::

- provide advice on the rules of reception and dosing regimen of medicines, their storage at home;
- provide information and consulting assistance in the selection of over-the-counter medicines and other products pharmacy assortment;
- provide advice on the use and compatibility of drugs, their interaction with food.
- to inform doctors about the new modern medicines, synonyms and analogs, as well as possible side effects of the drugs, their interactions.

Pharmaceutical Propaedeutical Practice

Аннотация:

Pharmaceutical propaedeutical educational practice is aimed at

- general acquaintance of students with the types of pharmacy organizations and their activities, their role in the health care system, with the organizational structure of pharmacies, equipment of pharmacy premises, rules of admission to pharmaceutical activities,
- familiarity with the main regulatory documents regulating pharmaceutical activity, the rules of prescription and over-the-counter dispensing of medicines;
- general acquaintance with the organization of the process of manufacturing medicines in production pharmacies with the right to manufacture medicines, including aseptic dosage forms, with the location and equipment of production facilities, the location and equipment of workplaces, with the norms and compliance with the requirements of the sanitary regime of production facilities and personnel, occupational safety and safety at workplaces.
- general familiarity with the conditions for obtaining, storage, supplying purified water and water for injections to the workplace, requirements for them and their implementation in a pharmacy;
- study of the conditions of storage and packaging of medicines, their registration for dispensing in accordance with the requirements of regulatory documentation;
- study of the dosage of medicines and excipients by weight and volume, rules for working with manual and calibration scales, burette installation.

Цель:

The purpose of pharmaceutical propaedeutic educational practice is to provide students with primary professional knowledge, familiarity with the activities of pharmacy organizations of various organizational and legal forms in the field of industrial, commercial, economic, legal and informational activities for solving professional problems and for further self-education.

Задачи:

1. To form knowledge of the regulatory framework regulating pharmaceutical activities, including the manufacture of dosage forms, their packaging, labeling and dispensing.
2. To form knowledge on the organization of the sanitary regime in pharmacy organizations, requirements for production facilities and equipment, sanitary and hygienic requirements for pharmacy personnel, on the device and principles of operation of specialized equipment.
3. To form knowledge on the organization of the production process of manufacturing dosage forms, their packaging, labeling and dispensing..
4. To form skills for the organization of the workplace for the manufacture of sterile and non-sterile dosage forms, the processing of pharmacy utensils, capping agents and auxiliary materials.
5. To form the skills of compliance with sanitary requirements for premises and equipment, sanitary and hygienic requirements for the staff of a pharmacy organization, working with equipment used in the manufacture of dosage forms.
6. To form the skills of dosing by weight of solid and liquid medicines on the pharmacy scales, liquid preparations by volume.
7. To form the skills of choosing the packaging material and labeling, depending on the type of dosage form, packaging and registration for the dispensing of dosage forms.

Practice in pharmaceutical technology

Аннотация:

The pharmaceutical technology practice is aimed at consolidating knowledge of the regulatory regulation of pharmaceutical activities in terms of the organization of the production process of drug manufacture, maintenance and implementation of the requirements of the sanitary regime of the production premises of pharmacies and personnel, occupational safety and safety; consolidation and development of skills for the manufacture of semi-finished products, reception of prescriptions and requirements, manufacture of medicines in production pharmacies according to prescriptions and requirements, their packaging, labeling and processing them for dispensing.

Цель:

The purpose pharmaceutical technology practice is to consolidate and providing profound theoretical knowledge and practical skills of manufacturing medicines, to gain an idea of the work of a pharmacist-technologist, to acquire primary practical experience in the specialty and to form professional skills and abilities in relation to admission of prescriptions, manufacturing medicines, their quality control and dispensing, that is necessary to solve professional tasks in the activity pharmacist-technologist in the conditions of work in pharmacy organizations.

Задачи:

1. Consolidate knowledge of the regulatory framework for the manufacture, storage and dispensing of dosage forms.
2. To consolidate skills on the organization of sanitary regime in pharmacy organizations, sanitary and hygienic requirements for pharmacy personnel, on the device and principles of operation of specialized equipment.
3. Consolidate knowledge and skills on the organization of the sanitary regime and rules of work in the aseptic unit.
4. Consolidate knowledge on receiving prescriptions and requirements from medical organizations and the rules of their dispensing.
5. To consolidate the skills of manufacturing semi-finished products in production pharmacies.
6. To consolidate skills in the manufacture of medicines according to prescriptions and requirements, in particular solid, liquid, soft and aseptically manufactured dosage forms, their quality control, packaging, labeling, dispensing, and storage.

Practice on management and economy of pharmacy institutions

Аннотация:

The practical training in Pharmacy Management and Economics is designed to teach students how to apply theoretical knowledge in the activities of a pharmaceutical organization, critically analyzing and evaluating their professional and social experience

Цель:

The purpose of the practice is to increase the effectiveness of theoretical and practical knowledge in the field of pharmacy organizations.

Задачи:

Practice tasks:

- to familiarize the student with the practical activities of the pharmacy organization;
- teach the student to formalize contractual relations with suppliers, the procedure for drawing up an application for pharmacy assortment goods and acceptance of inventory items with the preparation of appropriate documentation;
- to teach the student the rules of examination of prescriptions and the release of medicines and medical devices, work with cash registers;
- to teach the student to take inventory of inventory items and draw up documents based on the results of the inventory;
- to deepen the student's knowledge on the use of modern software in the practical activities of the pharmacy;
- to teach the student to conduct an economic analysis and assessment of the financial condition of the pharmacy, as well as to master the accounting procedure for inventory items.

Quality control of medicines

Аннотация:

This type of practice strengthens knowledge and skills in the field of research of physical and chemical properties of drugs, methods of their analysis. In production pharmacies, a specialist in the field of pharmaceutical chemistry carries out intra-pharmacy quality control of drugs, and in pharmaceutical enterprises controls the quality of pharmaceutical forms of factory production, pharmacists-analysts work in the centers of certification and quality control of drugs, in testing laboratories, research institutes dealing with the quality control of drugs and the search for new drugs. Compliance of medicines to the required level of quality is established using the methods of analysis prescribed in state standards (state Pharmacopoeia).

Цель:

The practice is aimed at expanding the theoretical knowledge gained in the educational process, expanding and consolidating practical skills and competencies for solving specific problems of the practical activity of a pharmacist-analyst in the conditions of pharmacies, control and analytical laboratories, laboratories of the quality control department of pharmaceutical production, to acquire and consolidate the experience of independent work.

Задачи:

The objectives of the discipline "quality control of medicines" are:

- familiarization with the organization and technical equipment of the workplace pharmacist-analyst;
- carrying out quality control of pharmaceutical forms of manufacture and factory production under the direction of the pharmacist analyst and registration of the relevant documentation.

Research work (Practice on pharmacognosy)

Аннотация:

Educational practice on pharmacognosy - this consolidation of acquired theoretical and practical skills for standardization and quality control of medicinal plant materials (MPM), the formation and development of graduates ' competences aimed at strengthening the professional abilities and practical skills of pharmacist in pharmacognosy quality analysis of medicinal plant raw materials, expand and deepen knowledge on the issues of procurement of medicinal plant raw materials based on sustainable use and reproduction of natural resources and regulations standardization of herbal raw material.

Цель:

The purpose of the practice is to consolidate the theoretical knowledge gained by students in the lecture and laboratory course on wild and cultivated medicinal plants, the formation of skills and practical skills in the preparation, drying, storage and processing of medicinal plant materials.

Задачи:

Tasks of educational practice:

- 1) to form students ' skills of morphological analysis of medicinal plants;
- 2) to teach the identification of the diversity of the morphological structure of individual organs and plants in General;
- 3) Train to recognize the main representatives of the local flora of herbaceous and woody medicinal plants;
- 4) to Teach the description of medicinal plants according to morphological and commodity protocols;
- 5) to Teach the rules of collection, primary processing, drying of medicinal plants of local flora;
- 6) Teach students the techniques of standardization of collected raw materials.

Undergraduate practice

Аннотация:

The content of the practice includes issues of independent work of the graduate within the framework of planning and organizing the completion of the final qualification work, issues of applying basic knowledge in fundamental disciplines and disciplines of the specialty, practical skills for conducting an experiment or theoretical research, interpretation of the data obtained.

Цель:

The study of methods and techniques for conducting experimental work, methods of working with literature and specialized databases, the development and consolidation of the skill of substantiating the relevance of the chosen topic, mastering the methods of processing the results obtained in order to achieve the goals formulated in the final work.

Задачи:

The practice is designed to form and consolidate the skills of critical assessment and integration of a large array of data, to form the skills of designing their own scientific results in the form of a scientific work and a report on a given topic, presenting results, conducting discussions within the professional community, formulating recommendations and suggestions for solving applied problems of pharmacy.