

Summary to the work program of practice

«PHARMACEUTICAL CONSULTING AND INFORMATION PRACTICE» the basic educational program of training in the specialty 33.05.01 PHARMACY

1. The purpose and objectives of the internship.

1.1. The purpose of the internship is to participate in the formation of:

- universal competencies (UK-4 (4.1));
- general professional competencies (OPK-2, GPC-4, GPC-6 (6.1, 6.2, 6.4));
- professional competencies (PC-3, PC-8 (8.4), PC-9 (9.2)).

1.2. Objectives of the practice - as a result of the internship, the student must:

Know:

- provisions of regulatory legal acts regulating the circulation of medicinal products and other goods;
- the current range of drugs and other goods for various pharmacological groups, their characteristics, active ingredients (international non-proprietary names);
- methods for searching and evaluating pharmaceutical information, including resources with information about rejected drugs and other goods;
- principles of pharmacotherapy, taking into account the pharmacokinetics and pharmacodynamics of drugs;
- a list of vital and essential medicines, a list of goods allowed for sale in pharmacy organizations along with medicines;
- methods and means of informing consumers;
- formats and forms of information events for medical workers and the public;
- fundamentals of business communication and culture, professional psychology, ethics and deontology;
- features of the psychotype of the consumer: age and other personality traits;
- the specifics of the relationship "doctor-pharmacist-consumer of drugs";
- moral and ethical principles related to the professional activities of a pharmaceutical specialist;
- pharmaceutical consulting methods,
- basic anatomical and physiological concepts and terms used in medicine;
- physiological characteristics of the body in different periods of life (childhood and old age, pregnancy, etc.);
- general pharmacokinetic and pharmacodynamic patterns of drugs and features of the action of drugs in healthy individuals and pathologies, types of interaction, features of pharmacotherapy in newborns and the elderly, pregnant women;
- belonging of drugs to certain pharmacological groups;
- the most important side and toxic effects, the main indications and contraindications for the use of drugs;
- the basic principles of the clinical and pharmacological approach to the choice of drugs for the pharmacotherapy of major diseases.

Be able to:

- analyze and plan information and consulting work;
- organize information events for medical workers and the public;
- communicate verbally and in writing with colleagues, customers and suppliers;
- organize and ensure the document flow of the pharmaceutical organization, including

- any types of reporting, in accordance with the laws and regulations;
- build communication with consumers of medicines, taking into account the psychological state and personal characteristics;
 - use the current regulatory framework governing medical and pharmaceutical activities, the circulation of medicines, including narcotic drugs, psychotropic substances and medicines subject to subject-quantitative accounting;
 - recognize conditions, complaints that require contact with a medical specialist;
 - evaluate violations of the main functional indicators of human vital activity in pathology, identify the main risk factors for a particular disease;
 - navigate the indications and contraindications for prescribing drugs for the treatment of the most common diseases;
 - provide information and advisory assistance in the selection of effective and safe drugs, taking into account the characteristics of individual dosing;
 - to carry out the optimal choice of dosage form, dose, multiplicity, duration and route of administration of the medicinal product for the treatment of the most common symptoms, elimination of adverse side effects;
 - take into account the peculiarities of the interaction of the drug with other drugs, with food;
 - use the necessary medical and pharmacological Latin terminology;
 - inform the consumer about the conditions for storing medicines at home.

Own:

- the skills of searching and using legal and reference information regulating the circulation of medicines;
- basic medical and pharmaceutical terminology;
- skills to comply with the rules of pharmaceutical ethics and deontology in relations with consumers of pharmacy products, their relatives and medical personnel of medical organizations;
- the skills of pharmaceutical consulting and informing consumers of pharmacy products;
- skills in consulting on groups of drugs and synonyms within one international non-proprietary name and prices for them;
- skills to rationally replace the prescribed drug with synonymous or similar drugs in the prescribed manner;
- the skills of explaining to consumers of medicines the rules for taking and dosing regimen of medicines, their storage at home;
- skills in providing advisory assistance on the rules for the operation of medical devices at home;
- skills in providing information and consulting assistance when choosing over-the-counter drugs and other pharmacy products;
- skills in providing advice on the use and compatibility of drugs, their interaction with food.

2. The place of practice in the structure of the EP VO organization.

The practice refers to Block 2 of the PEP VO of the specialist in the specialty 33.05.01 Pharmacy, conducted on the 5th year in the 9th semester according to the schedule.

Type of practice: production.

Practice Type: practice according to the profile of training.

Practice method: stationary.

Practice form: continuously.

General laboriousness of the practice: 3 credits (108 academic hours).

Practice duration: 2 weeks.

3. The content of the practice.

3.1. Distribution of labor intensity of practice and types of training sessions.

Type of study work	Labor intensity		Labor intensity by semesters (ACh)
	volume in credit units (CU)	volume in academic hours (AH)	
			9
Classroom activities (total):	not provided		
Lectures (L)	not provided		
Practical exercises (PE)	not provided		
Seminars (S)	not provided		
Consultation with practice leader (C)	not provided		
Independent work (IW)	3	108	108
Intermediate certification (IC): credit			
TOTAL LABOR CAPACITY	3	108	108