

ABSTRACT

OF THE ACADEMIC DISCIPLINE

"SIDE EFFECTS OF MEDICINES"

THE PURPOSE OF THE COURSE

The aim of the course is to form and deepen students' professionally competent knowledge on the side effects of drugs of different pharmacotherapeutic groups and safety issues, to provide a sufficient level of knowledge on side effects of drugs according to the needs of practical health care, and to deepen students' basic knowledge. pharmacovigilance and practical skills in detecting, informing and preventing adverse reactions and any other problems related to the safety and efficacy of medicines.

CROSS-CURRICULAR LINKS

The discipline is related to such disciplines as:

- Pharmacology
- pharmacotherapy with pharmacokinetics
- biology with the basics of genetics
- human anatomy and physiology
- pathological physiology,
- organic chemistry
- biological chemistry
- microbiology with basics of immunology
- pharmacognosy
- drug toxicology
- pharmacoeconomics.

THE PROCESS OF STUDYING THE DISCIPLINE IS AIMED AT FORMING SUCH COMPETENCIES

- ability to determine the classification of side effects of drugs
- analyze the possible manifestations of side effects of drugs, symptoms of drug overdose, anticipate the possibility of side effects in patients with various diseases;
- assess the benefit / risk balance of medicines.

THE CONTENT OF THE DISCIPLINE

SIDE EFFECTS OF MEDICINES. Fundamentals of Ukrainian legislation on medicines.

Classification and mechanisms of side effects of drugs. Basic activities

side effect prevention. Side effects of drugs used for

local and general anesthesia. Side effects of drugs that affect

autonomic nervous system. Side effects of drugs that affect

central nervous system. Side effects of narcotic analgesics and

nonsteroidal anti-inflammatory drugs. Side effects of drugs that affect

respiratory organs. Side effects of drugs used in

gastroenterology. Side effects of drugs that affect function

kidneys and myometrium. Side effects of drugs used for

treatment of diseases of the cardiovascular system. Side effects of drugs that

stimulate the function of the central nervous system. Side effect

hepatoprotective agents and probiotics. Side effect of sulfonamides Side

action of anti-inflammatory drugs. Side effects of anticancer drugs

means.

THE SCOPE OF STUDY OF THE DISCIPLINE

3 ECTS credits, a total of 90 hours, including 36 hours of classroom training and 54 hours of independent and individual work.