



FACULTY OF PHARMACY MEDICAL UNIVERSITY SOFIA

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DEAN:

/prof. Al.Zlatkov, DSc/

DEPARTMENT "ORGANIZATION AND ECONOMICS OF PHARMACY"

SYLLABUS

of

PHARMACEUTICAL CARE

INCLUDED IN "PHARMACY" EDUCATION CURRICULUM

DEGREE OF EDUCATION: "MASTER"

CREDITS (ECTS): 6

ANNOTATION

We live in a time when patients show a great desire to get more information about the treatment of their illness. This phenomenon, called "wolf appetite" for medicinal information, manifests itself at the same time as the professional and the regulatory literature argues for the need for pharmaceutical care aimed at the patient called "Pharmaceutical care". The need for pharmaceutical care supported by the fact that over 50% of prescribed prescription drugs are taken incorrect. Pharmaceutical care is a new pharmaceutical service of patients in pharmacies, based on the cost-effectiveness approach, which includes as mandatory own element and counseling of the patient. The Mission of the Practitioners pharmacists today is to help patients achieve the best use of their prescribed medications. The drug law includes counseling as a mandatory component of the patient. In this way, the FDA requires the pharmacist to become more active in the patient's medication administration and to ensure that the patient has properly

understood what has been prescribed his drug treatment and will follow his prescribed drug regimen to achieve desired therapeutic outcome. Pharmacists' training allows them to know always what information to give the patient. But to be convincing, to be able to provide appropriate feedback, learn to listen effectively and prompt for the patient to trust them, they must also acquire the necessary knowledge and skills to be effective communicating.

Since Prof. Linda Strand and Prof. Charles Hepler announced the concept of pharmaceutical care, it was met with enthusiasm in many countries. By implementing the pharmaceutical care, pharmacists provide something that society needs -assume their share of responsibility for solving the problems of drug therapy ofpatients in accordance with their professional competence.

The discipline "Pharmaceutical care" is in one semester, mandatory according to state requirements for acquisition of education qualification "master" in professional sphere "Pharmacy" and studies the basic elements of pharmaceutical care, communication skills and strategies, ethical and deontological basics, specific features of pharmaceutical care in some chronic diseases such as diabetes, asthma, COPD, CVD, hypertension, arthritis, osteoporosis, depression, as well as in specific patient groups and medicines, marketing and financing of this pharmaceutical service.

English language training

SYLLABUS

1. Pharmaceutical care - essence, development, elements and opportunities.
2. Nature of pharmaceutical care, examples from various European and world practices. Integration of pharmaceutical care with pharmacy practice. Indicators for evaluation.
3. Communication - basic concepts. Verbal and non-verbal communication elements. Structuring an effective communication.
4. Pharmaceutical communication - essence and features. Problems in professional pharmaceutical communication. Influence of environmental factors. Sample strategies for effective communication in pharmacy.
5. Medical ethics, deontology and morality. Professional ethics, codes of ethics, principles, rules, rights and virtues of the pharmaceutical profession.
6. Pharmaceutical care for patients suffering from diabetes. Peculiarities of pharmaceutical care in diabetes. Possibilities for evaluating the effectiveness of pharmaceuticals diabetes care.
7. Pharmaceutical care for patients suffering from chronic respiratory diseases – asthma and COPD. Features of Pharmaceutical care for respiratory diseases. factors, affecting respiratory diseases. Assessment opportunities of the effectiveness of pharmaceutical care in respiratory diseases.

8. Pharmaceutical care in patients suffering from cardiac vascular diseases. Peculiarities of Pharmaceutical care in cardiovascular diseases. Features of hypertension. Medicinal and non-medicinal characteristics approaches in the treatment of cardiovascular diseases. Possibilities for evaluating the effectiveness of pharmaceuticals cardiovascular care.
9. Pharmaceutical care for patients suffering from arthritis diseases. Medicinal and non-medicinal characteristics approaches in the treatment of arthritic diseases. Possibilities for evaluating the effectiveness of pharmaceuticals arthritis care.
10. Pharmaceutical care for patients suffering from osteoporosis. Factors for the development of osteoporosis. Possibilities for evaluating the effectiveness of pharmaceuticals care.
11. Pharmaceutical care in patients suffering from depression Peculiarities of medicinal and non-medicinal approaches in the treatment of depression. Assessment capabilities of effectiveness of pharmaceutical care in depression.
12. Pharmaceutical care during self-medication with OTC drugs. Essence features of self-healing. Possible strategies to evaluate possible drug-related problems.
13. Pharmaceutical care in children. Peculiarities of the nursery compliance. Off-label therapy in children and the possibilities of pharmacists to prevent drug-related problems.
14. Pharmaceutical care for adults. Features of compliance in elderly patients in the third age. Polypharmacy in elderly patients. Social aspects of pharmaceutical care in adults.
15. Financing and marketing of pharmaceutical care. Peculiarities of pharmaceutical marketing of services. Financial aspects of pricing pharmacy services. Legal options.

Date

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