



**Fund “Nauka” Project № 24012 Resume – Special Competition-based Session
2024:**

“Impact of electronic sources of health and drug information on population health outcomes”

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The purpose of this study is to examine the impact of electronic sources of health and drug information on population health outcomes.

Objectives:

1. Analysis of the regulatory framework, opportunities, challenges and risks involved in the application of electronic sources of health and drug information;
2. Exploring the role of the Master Pharmacist as a source of information;
3. Study of the population's preferences on how to obtain health and drug information, attitudes towards using internet sources and artificial intelligence in searching, collecting and interpreting health and drug information;
4. Exploring the opportunities, benefits and risks of using electronic health and drug information;
5. Development of an algorithm for assessing the content and accuracy of electronic health information aimed at determining its degree of influence on the population's attitudes towards self-diagnosis and self-medication.

Materials and methods. The survey will be conducted in Bulgaria among individuals aged 20 years and older using a structured questionnaire developed specifically for the purpose of the study.

Expected results:

1. Identify the opportunities, benefits and risks of the use of electronic health and drug information by the population;
2. Improve health outcomes of health service users by increasing awareness and receipt of reliable health information;
3. Minimize health risks by improving the awareness and knowledge of study subjects;
4. The developed algorithm will enable assessment of the impact extent of electronic health and drug information on health outcomes by supporting clinical practice towards reducing the risks of self-diagnosis and self-medication in the population.