

SCIENTIFIC OPINION

From

Assoc. Prof. Kaloyan Dobrinov Georgiev, PhD, DSc

Head of the Department of Pharmacology, Toxicology and Pharmacotherapy, Faculty of
Pharmacy, Medical University of Varna

Member of the scientific jury according the order R-109-337/09.08.2021 of the Rector of
the Medical University-Varna and appointed for preparation of a scientific opinion
according to protocol 1/20.08.2021

SUBJECT: Public defense of the dissertation of Stanislava Angelova Georgieva for
obtaining an educational and scientific degree "Doctor" in the field of higher education 7.
Health and Sports, 7.3. Pharmacy and doctoral program "Toxicology" with the topic of the
dissertation: "Characteristics of acute drug poisoning in the Varna region for a period of 30
years." Scientific supervisors of the dissertation are: Prof. Dr. Petko Penkov Marinov, MD
and Prof. Antoaneta Zdravkova Tsvetkova, Ph.D.

Relevance of the dissertation

Acute poisoning is a serious problem worldwide, as well as in our country. Related
to them, drug poisonings occupy the majority of them, nearly 60%, and the reasons for this
are explained by the easy availability. The most commonly used drugs for abuse are those
that affect the functions of the central nervous system (CNS), such as antipsychotics,
antidepressants, sedatives, sleeping pills, anxiolytics, antiepileptics and others. That is why
the treatment, analysis and provision of their characteristics would contribute to the

improvement of their overall prevention. Pharmacists play an important role in the control of acute drug poisoning, which is also addressed in the dissertation.

Purpose, tasks, materials and methods used

The purpose of the dissertation is clearly defined and it is: to study, analyze and derive the main characteristics and epidemiology of acute drug poisoning in Varna region, registered in KILOT at the Military Medical Academy Varna for a period of 30 years. The tasks set by the dissertation are eight and they follow the initially set goals. The subject of the study are 6977 patients with acute drug poisoning, admitted for treatment in the Clinic for Intensive Treatment of Acute Poisoning and Toxic Allergies of the Hospital at the Military Medical Academy in Varna for the period 1991-2020. Descriptive statistics were used for data analysis, as well as automated analysis for extracting content from medical documents.

Results, conclusions and contributions

The results and conclusions presented in the dissertation show that there is a need for processing and analysis of medical information about drug poisoning in order to focus on these patients belonging to certain risk groups - taking certain drugs, gender, age. Medical professionals in Bulgaria, including pharmacists in this regard, should be aware of accidental and intentional drug poisoning in order to be able to actively participate in their prevention. The conclusions are logical based on the obtained results. Five contributions with confirmatory, scientifically applied and original character were made.

Publishing activity

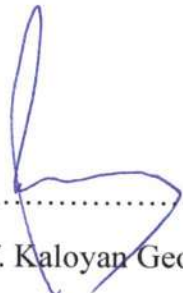
The dissertation has presented three publications in connection with the dissertation, which fully meet the requirements for acquiring of Educational and Scientific Degree "Doctor".

Conclusion

The dissertation covers a topical issue related to acute drug poisoning and manages to present the necessary measures for their active prevention, as well as to indicate the role of the pharmacist in this whole process. It fully complies with the Law on the Development of the Academic Staff in the Republic of Bulgaria, both the Regulations for its implementation and Regulations of Medical University of Varna for the acquisition of Educational and Scientific Degree "Doctor". All this gives me a reason to give a **POSITIVE EVALUATION** and to offer the esteemed members of the Scientific Jury to vote for the award of the educational and scientific degree "Doctor" in the field of higher education. 7. Health and sports, professional field 7.3. Pharmacy and scientific specialty "Toxicology" by Stanislava Angelova Georgieva.

Varna

11.11.2021


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Assoc. Prof. Kaloyan Georgiev, PhD, DSc