Open Access

The development of the automated information system of pharmaceutical staff management

*Stela Adauji, Galina Croitoru, Vladimir Safta

Vasile Procopisin Department of Social Pharmacy, *Nicolae Testemitanu* State University of Medicine and Pharmacy Chisinau, the Republic of Moldova

Authors' ORCID iDs, academic degrees and contributions are available at the end of the article

*Corresponding author: stela.adauji@usmf.md
Manuscript received July 25, 2020; revised manuscript August 28, 2020; published online October 02, 2020

Abstract

Background: The automated evidence of any systemic personal data represents an important tool to provide good functionality of that system. It absolutely refers to the pharmaceutical system as well, which is a part of the health system. Purpose of the study: To elaborate and argue the need to implement the automated information system of pharmaceutical staff management (AIS PSM) within the health system of the Republic of Moldova.
Material and methods: Statistical data on the pharmaceutical system; systemic approach by applying statistical analysis, and system programming methods.
Results: The automated system contains and ensures the processing of the following categories of personal data: first name, last name; date of birth; gender; occupation; graduation diploma; graduated institution; the employee workplace /the pharmaceutical company address; continuous education training; professional association membership fee; special references. The confidentiality of the personal data and the possibility of extending the categories of data is ensured, as well as the possibility of integration the developed system in the national health systems and statistical systems. Recommendations regarding the need of implementation of the AIS PSM in pharmaceutical units were worked out.
Conclusions: In the Republic of Moldova, the automated pharmaceutical staff management information system was developed and proposed, though its implementation was largely discussed. There were also arguments on the recommendations to ensure the functionality of the system by elaborating sequential diagrams.
Key words: automated information system, pharmaceutical staff.