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### Pharmacists', physicians', and patients' evaluation of individual medication management system implementation in Poznan (Poland) community pharmacies

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Implementation of Individual Medication Management System (IMMS) as an essential part of the pharmaceutical care (PC) is of great importance to patients in Poland. This service affords an opportunity for individualized, effective and safe patient's pharmacotherapy. The aim of the study was to assess the physicians', pharmacists' and patients' opinion about implementation of IMMS in Polish community pharmacies. Pharmacist-physician cooperation was also evaluated. A cross sectional study was carried out from 2009 to 2014 by a pharmacist (author of the study). The survey covered 129 pharmacists, 103 physicians and 179 patients. The respondents were provided with an anonymous questionnaire with a brief information about IMMS. The results confirmed that patients (47.20%) would be interested in IMMS service, also in physicians (72.82%) and pharmacists (50.00%) opinion. According to 85.30% pharmacists and 74.76% of doctors especially with a specialization in cardiology, family medicine, and without specialty, IMMS may contribute to the development of the PC ( $p < 0.0001$ ). 56.31% of physicians confirmed their collaboration with at least 1 pharmacist and 64.80% of pharmacists declared no cooperation. Physicians' (79.61%) and pharmacists' (68.80%) approved the possibility of the cooperation by using IMMS. This study provides first data about implementation of IMMS in Poland. This innovatory service could be the chance both for patients and physicians to increase the safety and effectiveness of pharmacotherapy and for pharmacists who are intended to highlight their role as a part of health care system. The positive opinion provides the opportunity to implement IMMS in Polish community pharmacies.

#### Biography

Magdalena Waszyk-Nowaczyk has completed her PhD in 2012 at the age of 29 years from Poznan University of Medical Sciences in Poland. It was the first doctoral thesis in Poland concerning implementation of pharmaceutical care in Polish community pharmacies. She is an assistant professor in the Department of Pharmaceutical Technology, Pharmacy Practice Division at Poznan University of Medical Sciences in Poland. She has published 5 papers in the reputed global journals and more than 10 in the Polish scientific journals. Additionally she provides direct patient care in the community pharmacy practice.

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