



ANALYSIS OF E-PRESCRIPTION SYSTEM AND AWARENESS OF PHARMACISTS ON REIMBURSEMENT PROGRAM IN UKRAINE

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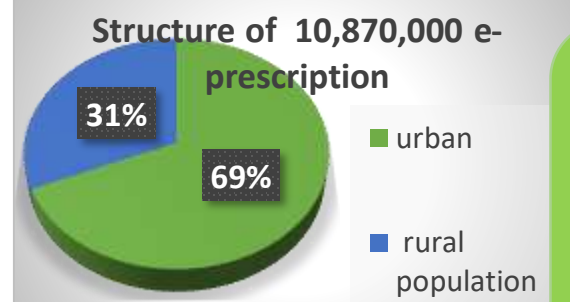
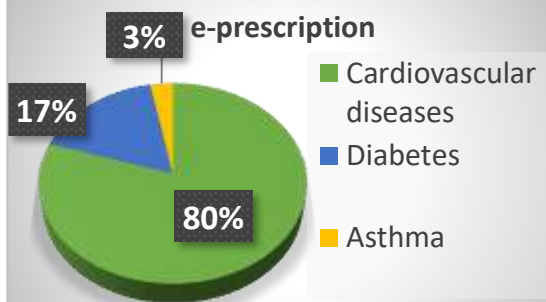
OBJECTIVES : According to statistic data the consumption of drugs per one citizen was \$73, that indicates a low solvency in Ukraine (2017). It is needed the state reimbursement of drugs. Since April 1, 2017 the governmental program "Affordable medicines" has been implemented for patients with cardiovascular disease, diabetes and asthma. Since April 1, 2019 the National Health Service of Ukraine (NHSU) implemented e-prescription system for 23 INN essential drugs.

METHODS : Analysis of statistic data on e-prescriptions for April-December 2019; SurveyMonke app. on awareness of pharmacists

RESULTS : The reimbursement list included 254 trade names of essential drugs: 78 are free, 176 drugs are with copayment.

E-prescription system for 23 INNs was implemented in 7,840 pharmacies (36,5%) in Ukraine. We established that during March-December 2019 family doctors prescribed 10,870,000 e-prescriptions for 1,770,000 patients, were compensated by the state about 58 million UAH (2,367,347\$).

The average number of e-prescriptions per one patient was 5.22.



We have found that most family doctors prescribe 18,472 e-prescriptions for out-patients cardiovascular diseases in the program for three INNs:

INN	Number for e-prescriptions ,/ %	Number of trade marks: ukrainian manufacturer / foreign
BISOPROLOL	1,357,365, / 12,7	17/19
CLOPIDOGREL	1,343,889 / 12,5	12/12
ENALAPRIL	1,291,616 / 12,0	15/4

We conducted a survey of 123 pharmacists regarding their awareness about reimbursement program. Analysis of data by the SurveyMonke app showed that the pharmacists have awareness level: excellent 10.7%, good 59.8%, satisfactory 29.5%.

❖ Pharmacists evaluated that more patients 90.9% want to receive a free drugs, willingness to copayment was low.

CONCLUSIONS : The implementation of e-prescription system in reimbursement program improved the accessibility of essential medicines for cardiovascular disease, diabetes and asthma patients. There is only 36,5% pharmacies included in e-Health, it is necessary to increase the number of pharmacies included in the program to ensure physical accessibility for the rural population. The level of awareness on the Affordable medicines among pharmacists is insufficient. Then the special training and education of pharmacists on e-prescribing and reimbursement are necessary in Ukraine.