

ABSTRACT

Background

Arterial hypertension is a worldwide issue. This disease is underdiagnosed despite of frequent media publication. Intervention of the pharmacist can significantly influence the hypertension detection, improve the adherence to treatment and control of the blood pressure value at already treated patients.

Aim

The main task of this project is evaluation of the way the pharmacists in the district Karviná provide the blood pressure monitoring and how they provide the pharmaceutical care to the patients with hypertension or high risk of cardiovascular disease. This submitted work is part of extensive study dealing with this issue in nationwide scope.

Methods

Data for this work were collected with two questionnaires in the period of August to September 2011 in district Karviná. The questionnaires included thirty open, semi-open and closed questions. The first questionnaire included questions focused on the pharmacy. The second questionnaire included questions focused on the workers operating the blood pressure monitoring and the way how they exercise the measurements (age, sex, job in the pharmacy, description of the measurement method, model situations).

Results

54 (98 %) of the pharmacies were evaluated in this work from the total number of 55 pharmacies.

Only one pharmacy refused the cooperation. The blood pressure were performed in 20 pharmacies. Not only the pharmacists but other employees of the pharmacies participate in these activities. The blood

pressure measurements were done either in the officinas (80 %) or in the consulting room (20 %). 56 % of the pharmacists started the blood pressure measurements five minutes after the patient arrived. The validated devices were used for the measurements in 80 % pharmacies. The devices were properly calibrated only in 32 % cases. The opinions and professional experience were gained from 27 workers. 98 % of them agree with the blood pressure measurement in the pharmacy. 80 % of the pharmacists know the recommended procedure of the Czech Pharmacy Chamber.

Conclusions

The blood pressure measurement is one of the most important activity operated in the Czech pharmacies. The blood pressure measurement is done with minor differences from the directive of the Česká lékarnická komora (Czech Pharmacy Chamber). The study results could be influenced with the specificity of the district affected with the social structure and the situation of the inhabitants and the pharmacists.

Keywords

arterial hypertension, measurement blood pressure, pharmacy, drug related problems