

ABSTRACT

Topic: Pharmacological treatment of arterial hypertension in specialist ambulance and at general practitioners

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OBJECTIVE: The aim of the study is to evaluate and to compare pharmacological treatment of hypertension, effect of pharmacological interventions and risk profile of hypertensive patients in the cardiology ambulance of 1st Department of Medicine, University Hospital in Hradec Králové and in surgeries of general practitioners. **METHOD:** Only diagnosed, drug-treated hypertensive patients were included, fifty patients in each group. We compared medication, achieved blood pressure and risk profile. **RESULTS:** 78% of patients in the cardiology ambulance and 54% of patients at general practitioners achieved recommended blood pressure levels (BP < 140/90 mmHg). Combined therapy was used in the same rate in the both groups (78%). The most often prescribed medication were beta-blockers in cardiology ambulance and ACE inhibitors and diuretics at general practitioners. Complications of hypertension were more often in the cardiology ambulance (90% vs. 46%), respectively the risk factors were more often in the patients treated by general practitioners (86% vs. 62%). **CONCLUSION:** The therapy of arterial hypertension was more successful in the cardiology ambulance. But there were no significant differences observed in pharmacotherapy between cardiology and general practitioners.