

**Dimitra Kalimanovska-Ostic, Branislava Ivanovic et al.**

**ASSOCIATION OF ADRENAL TUMORS AND ISCHAEMIC HEART DISEASE**

**Summary:** Arterial hypertension (HTA) independent of its etiology is considered as an important risk factor in the development of ischaemic heart disease (IHD). Although mainly essential, the possibility of secondary hypertension should be kept in mind even in patients with IHD. Among the patients with coronarographically proven IBS treated in the last 3 years in the department Cardiology I of our Institute, there were 3 women with adrenal tumor as the cause of secondary hypertension. Operation proved pheochromocytoma in the first case, primary aldosteronism in the second while in the third the nature of the tumor wasn't determined since the patient refused surgery. The persistence and recurrence of anginal pain even after a technically successful percutaneous transluminal coronary angioplasty (PTCA) or full medication treatment was mutual. Significant stabilization of the IHD occurred only after etiologic antihypertension can be a risk factor or can coexist with IHD. The diagnosis and etiologic treatment of arterial hypertension especially if caused by adrenal tumors, contributes also to the stabilization of IHD.

Key words: adrenal, hypertension, ischaemic heart disease.