Juxtaglomerular Cell Tumour: Case Report and Literature Review

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Abstract
Juxtaglomerular tumor cells kidney (reninoma) is an uncommon, mostly benign tumor, characterized by excess secretion of renin, causing a secondary hypertension. The tumor rather seldom meets. In 50 years from the moment of its first description a little more than 100 similar tumors are described in literature. The uncontrollable hypertension leads to endotelial damage and to complications on heart, kidneys and the central nervous system which can be life-threatening. Reception of hypotensive preparations leads to temporary effect. The hypertension is treated by tumor resection or nephrektomy. Clinical case of the women of 29 years old with a juxtaglomerular tumor with the clinical picture of high blood pressure to 160–180 mm Hg within 10 years are presented. Possibilities of ultrasonography (B-mode, duplex scanning, contrast enhancement) at detection of this tumor and the importance of anamnestic data in the differential diagnosis of kidney tumors are shown.

Key words: Juxtaglomerular Cells Tumor, Reninoma, Clinic, Diagnostics, Treatment.

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