ADRENAL CEVERNOUS HEMANGIOMA

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Introduction:

Adrenal hemangioma is a rare adrenal tumor usually presented as incidental finding in asymptomatic patients. Due to its radiographic features sometimes it's difficult to differentiate them from other malignant lesions.

Case report:

We present a 55 years old men admitted to our department with adrenal incidentaloma size 5x4cm confirmed by MSCT scan. Active pheochromocythoma was excluded by normal urinary catecholamines. Endocrine evaluations revealed normal midnight cortisol, with post 1mg-DST cortisol suppression and normal basal ACTH. PRA and Aldosteron were in normal range with normal ALD/PRA ratio. According to MSCT tumor had some malignant neoplastic features. Surgery was performed. Intraoperative findings showed adrenal tumor about 5 cm sizes without signs of local infiltration or lymphadenopathy. Tumor was completely removed with adrenalectomy.

Pathohistology showed cavernous and partially capillary hemangioma with hyperplasia of the rest of adrenal gland.

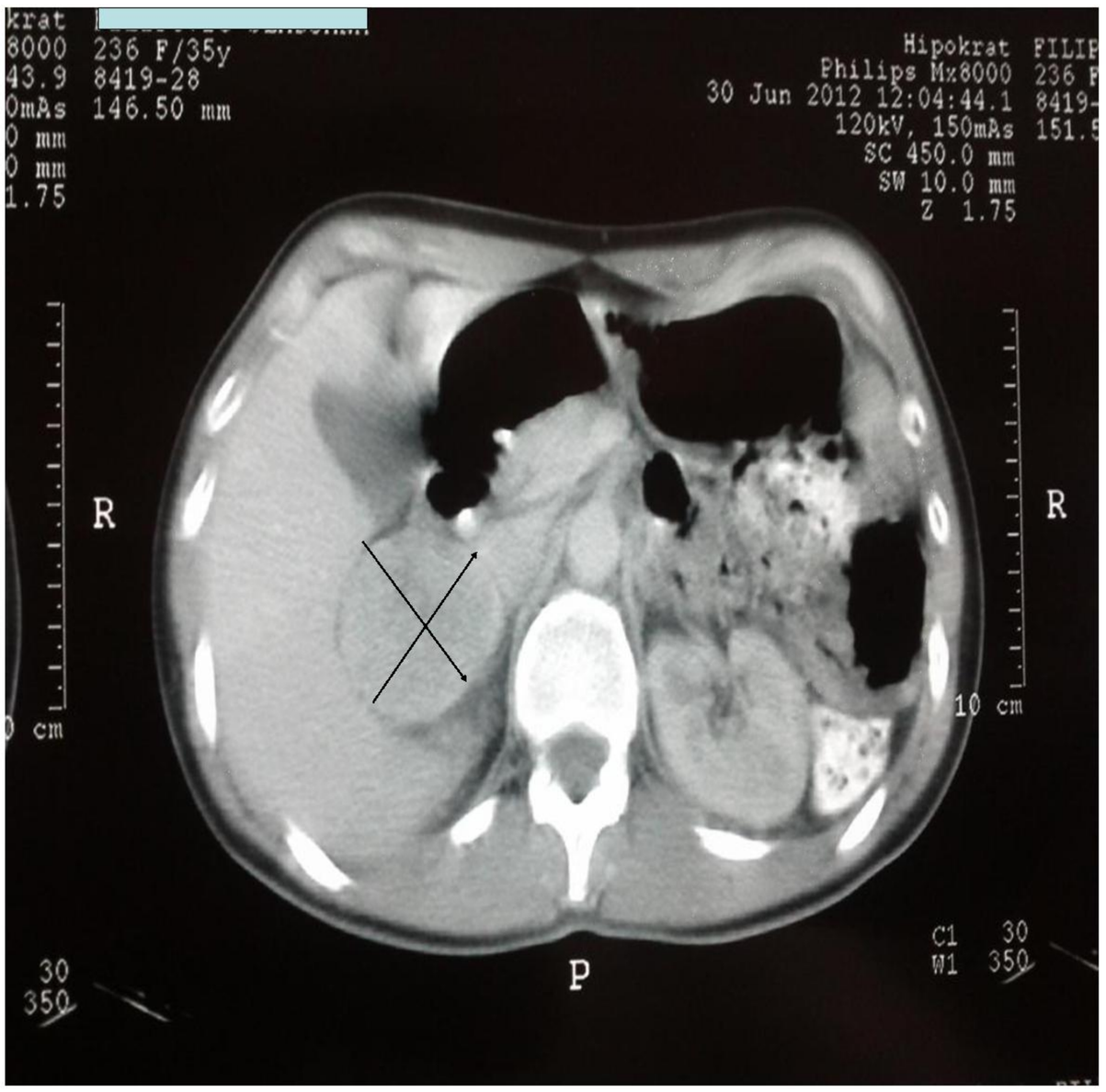
6 months later he was retested and results show normal function of the left adrenal gland.

Conclusion:

Most of adrenal cavernous hemangioma was non-functional and surgical removal was the write choose of therapy.

They should be also the part of differential

diagnosis of adrenal incidentaloma.



DOI: 10.3252/pso.eu.17ece.2015
Poster presented at: ECE2015 16–20 May 2015 DUBLIN, IRELAND 17th EUROPEAN CONGRESS OF ENDOCRINOLOGY