

## Case Report

### Adrenocortical tumor in 20 months old female

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#### Abstract

Adrenocortical virilizing tumors are rare in the pediatric age group. There is 1% incidence for adrenal cancer. In comparison with adult patients, there is functional adenoma tumor in pediatric group. The patient in this report was a 20 months old female presenting with clinical signs of virilization that were characterized by increased bone mass, pubic hair growth external genitalia. The laboratory test showed: High level of testosterone (400 ng/dl), androstenedione (3.6ng/ml) and progesterone (19.9ng/ml) and very high level of (8000ng/ml) dehydroepiandrosterone. In CT scan there was right adrenal mass with size >5 cm. The diagnosis of right adrenal functional tumor led to the choice of open surgical adrenal with flank approach between 10 and 11 ribs. Pathologic examination showed carcinoma of the adrenal. Patient discharged 5 days after operation. Surgery was done via lumbar incision and follow up was carried out for 10 years, and there was not any pathological lesion.

**Keywords:** Adrenal gland virilization, Adrenocortical tumor

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