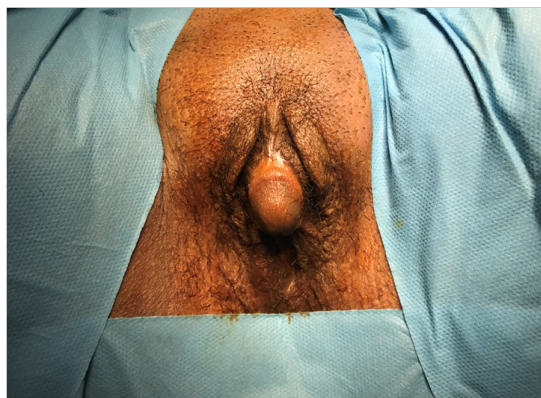


Image article**Clitoral Hypertrophy : An Unknown Pathology****Regragui Souhail^{1*}, Slaoui Amine¹, Slaoui Aziz², Touzani Alae¹, Kharbach Aicha², Abdelaziz Baydada², Karmouni Tarik¹, El Khader Khalid¹, Koutani Abdellatif¹ and IbenAttya Ahmed¹**¹*Urology B Department, Ibn SinaHospital, Mohammed V University, Rabat, Morocco*²*Gynaecology-ObstetricsDepartment, Ibn SinaHospital, Mohammed V University, Rabat, Morocco***Image In Medecine**

Clitoralhypertrophy is extremely rare and can lead to psychosocial disasters. This pathology is observed from birth in most cases. It may be the result of congenitaladrenal hyperplasia, truehermaphroditism, mixed gonadal dysgenesis, and may even be idiopathic. The 21-hydroxylase deficiency described in the literature corresponds to a genetic disorder of catabolism of progesterone to deoxy-corticosterone (DOC) and 17-hydroxyprogesterone (17-OHP) to 11-deoxy cortisol. Thus, deficiency or inactivation of 21 α -hydroxylase resulted in decreased cortisol synthesis and suppression of ACTH inhibition. Compensatory secretion of ACTH will cause bilateral adrenal hyperplasia. The accumulated progesterone will be transformed into androgens. The abnormalities of sexual differentiation are there fore due to the reduction of cortisol and aldosterone in the increase of androstenedione and testosterone [2].

**Figure 1.**

We report the case of a patient who consults for clitoral hypertrophy. The clinical examination found a small girl with a pronounced masculine phenotype: the body hair was thick, the breast had no development. Genital examination revealed a 2 cm clitoris having a glans aspect, big and small labias were normal and the pubichair was dense. The karyotype was 46, XX. The biological balance revealed high levels of testosterone and ACTH. The adrenal CT showed adrenal hyperplasia. No anatomical abnormalities were observed in the uterus, ovaries, vagina, urinary meatus or vaginal opening. Genital plastic surgery (clitoroplasty) was performed at the request of the patient.

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