

FOLLOWUP AFTER MALE GENITOPLASTY FOR PATIENTS WITH CONGENITAL ADRENAL HYPERPLASIA (CAH)

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Aim: Evaluation of children who have undergone male sex assignments despite CAH

Patients and Methods: Of the 163 children seen with the diagnosis of CAH at the pediatric intersex clinic, five patients with severe virilization, who were all reared as males so far, insisted for male sex assignment and staged male genitoplasty was done. Four patients underwent staged procedures after puberty and the other at 7 years age. Exploratory laparotomy (for the excision of the Mullerian remnants), was followed by single or two stage urethroplasty. Bilateral mastectomy was done at later date. Bilateral Testicular prosthesis (indigenized) inserted in all. Steroids and testosterone supplementation was given.

Results: Four patients are comfortable with the outcome of masculinising genitoplasty, one has a short sized phallus. Hormonal compliance is poor in 2. Four are well adjusted but one is indecisive of the male role due to female mental makeup.

Conclusion: Though CAH patients with severe virilization and reared as males are extremely rare yet 4 of the 5 patients are doing well and well adjusted in the society. Parents and the patients remain insecure requiring psychological and family adjustments.

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