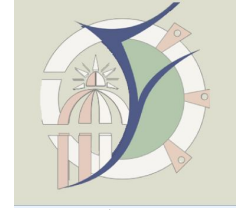




كلية الطب



جامعة الفيوم  
Fayoum University

7. البحث السابع: بحث جماعي منشور

Timing and Outcome Concerns regarding  
Feminizing Genitoplasty from the Perspective  
of Egyptian Families of Girls with Virilized  
External Genitalia

-Hormone Research In Paediatrics

الملخص الانجليزي:

Abstract

**Background:**

Congenital adrenal hyperplasia in females leads to virilization of external genitalia and persistent urogenital sinus. There are controversies regarding the timing and outcomes of surgery. Deferring surgeries beyond childhood is difficult to implement in conservative societies, and may result in stigmatization and distress to individuals with disorders of sexual differentiation and their families.

**Methods:**

Thirty girls with virilization due to congenital adrenal hyperplasia were admitted for single-stage feminizing genitoplasty, between 2011 and 2014. We prospectively studied the concerns and input of the families represented by the mothers. After comprehensive counselling, the mothers completed a questionnaire to clarify their priorities and concerns related to surgery.

**Results:**

Surgeries were performed at a mean age of 22 months. Most cases ranged between Prader's degrees III and IV. Egyptian families believe that early surgical reconstruction is in the best interest of their girls.

They are marginally more concerned about functional outcomes and future child bearing than external appearance and cosmetic outcomes.

**Conclusions:**

Social difficulties noticeably add challenges to the management plan within conservative societies. Early genital reconstructive surgery, when reasonably indicated, needs to remain a viable option. Comprehensive psychosocial support within a multidisciplinary approach is needed to defer feminizing genitoplasty in selected cases to adolescence.