



Proceeding

Volume 3 Suppl 1 – March 2017
DOI: 10.19080/AJPN.2017.03.555627

Acad J Ped Neonatol

Copyright © All rights are reserved by Asma Deeb

The Dilemma of Gender Assignment

Asma Deeb*

Department of Pediatric Endocrinology, Mafraq Hospital, UAE

Submission: March 05, 2017; **Published:** March 28, 2017

***Corresponding author:** Asma Deeb, Chief of Paediatric Endocrinology, Mafraq Hospital & Gulf Medical School, Abu Dhabi, United Arab Emirates, Tel: +971-50-8350568; Email: adeeb@mafraqhospital.ae

Abstract

The external genitalia of the newborn baby is the determinant of gender at birth. Genital ambiguity in the newborn constitutes a medical emergency not only from the medical point of view but also from the social aspect. Various forms of genital ambiguity can be encountered. These forms include hypospadias with undescended testes, perineal hypospadias, single perineal orifice in female genitalia, apparently male genitalia with impalpable gonads and others. Karyo type is a crucial test to determine the genetic sex but it can be delayed. FISH might offer a quicker alternative. A pelvic ultrasound to look for Mullerian structure can be very helpful. Various biochemical investigations are required to confirm the diagnosis and aid gender assignment.

A common form of genital ambiguity is a virilized XX baby in whom congenital adrenal hyperplasia is the commonest cause. Undervirilized XY newborn has a long list of differential diagnoses. Based on long-term outcome studies, some forms of pathologies presenting with genital ambiguity have clear recommendations for gender assignment. Example of those are the female gender for the virilized XX baby or the severely unvirilized XY baby in complete androgen insensitivity syndrome. However, there are many other conditions where no clear cut recommendation is available and informed decision is always obtained with the family after discussion with a multidisciplinary team. In this talk, various clinical scenarios will be presented to highlight the dilemma of gender assignment.



This work is licensed under Creative Commons Attribution 4.0 License
DOI: [10.19080/AJPN.2017.03.555627](https://doi.org/10.19080/AJPN.2017.03.555627)

Your next submission with Juniper Publishers will reach you the below assets

- Quality Editorial service
- Swift Peer Review
- Reprints availability
- E-prints Service
- Manuscript Podcast for convenient understanding
- Global attainment for your research
- Manuscript accessibility in different formats
(Pdf, E-pub, Full Text, Audio)
- Unceasing customer service

Track the below URL for one-step submission

<https://juniperpublishers.com/online-submission.php>