

UROFLOWMETRIC AND URETHROGRAPHIC CHANGES IN PATIENTS WITH INTERSEX DISORDER FOLLOWING MALE URETHROPLASTY

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Aim : To evaluate uroflowmetric and urethrographic parameters in Intersex disorder

Materials and Methods: Of the 100 patients with intersex called for followup, only 36 children replied and were evaluated for functional and anatomical results following male genitoplasty.

Results : Age range was 5 to 26 years (mean 13.2 years). Uroflowmetric and urethrographic studies were done. The diagnosis was MPH-24; MGD-6; TH-4; DMP-1 and Pure GD in 1. The period following completion of urethroplasty ranged from 6 months to 10 years (mean 7.8 years). The length of the stretched penile shaft ranged from 4 to 10 cm (mean 6.7cm). The urethrogram revealed stenosis, baggy urethra, pouching, urethral diverticulum and reflux in seminal vesicles in 2; 4; 3; 2 and 2 patients respectively.

The uroflowmetry showed abnormal curve in 12/36 (30%) patients. The mean flow rate was 3 - 15 (mean 6.2) ml/sec and the maximum flow rate was 10 - 29 (14.8) ml/sec.

Conclusion : The urethrographic profile is abnormal in 36 % cases of intersex disorders and the uroflowmetric parameters are subnormal in 30 %. Longer the size of the urethroplasty, more the chances of urethrographic abnormalities.

Presentation Type: Oral Presentation

Authorize Publishing: Yes

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