
References

1. Effmann EL, Lebowitz RL, Colodny AH. Duplication of the urethra. *Radiology* 1976;119(1):179-185.
2. Salle JL, Sibai H, Rosenstein D, Brzezinski AE, Corcos J. Urethral duplication in the male: review of 16 cases. *J Urol* 2000; 163(6):1936-1940.
3. Belman AB. Hypospadias and other urethral abnormalities, in Kelalis PP, King LR, Belman AB (Ed): *Clinical Pediatric Urology*, 3rd Ed. Philadelphia, W.B. Saunders, 1992;1:619-663.
4. Bae KS, Jeon SH, Lee SJ et al. Complete duplication of bladder and urethra in coronal plane with no other anomalies: case report with review of the literature. *Urology* 2005;65(2):388.
5. Cheng EY, Maizels M. Complete duplication of the bladder and urethra in the coronal plane: case report. *J Urol* 1996;155(4): 1414-1415.
6. Woodhouse CR, Williams DI. Duplications of the lower urinary tract in children. *Br J Urol* 1979;51(6):481-487.
7. Oguzkurt P, Ozalevli SS, Alkan M, Kayaselcuk F, Hicsonmez A. Unusual case of bladder duplication: complete duplication in coronal plane with single urethra and no associated anomalies. *Urology* 2006;68(5):1121.e1-e3.
8. Goh DW, Davey RB, Dewan PA. Bladder, urethral, and vaginal duplication. *J Pediatr Surg* 1995;30(1):125-126.
9. Abrahamson J. Double bladder and related anomalies: clinical and embryological aspects and a case report. *Br J Urol* 1961;33: 195-214.

EDITORIAL COMMENT

Re: A case of coronal urethral duplication with no other abnormalities

Urethral duplications are rarely encountered in clinical practice of which duplication at the coronal level is even rarer and is associated with higher incidence for genitourinary abnormalities especially concomitant bladder duplication. Proper planning by studying the anatomy of the urethra with VCUG preoperatively will help in planning appropriate surgical intervention. It is not apparent if the authors have done that prior to definitive surgery in their case report. Surgical treatment of patients with urethral duplication should be individualized based on the anatomy of the urethra as currently no gold standard surgical approach exists. In this case report the patient has excellent functional and cosmetic results with this simple approach of excising the intervening glanular tissue between the duplicated urethra.

Ahmad Bani-Hani, MD
Pediatric Urologist
Alfred I duPont Hospital for Children
1600 Rockland Rd
Wilmington, DE
USA