

# Urethral Duplication

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## History

Infant with constant dribbling of urine.

## Diagnosis

Complete Urethral Duplication

## Discussion

Urethral duplications are rare congenital anomalies which are more common in males compared to females. Urethral duplications may be asymptomatic but also may be associated with infection, urinary retention, double stream, and incontinence.

Sagittal duplications are most common. The location of the accessory urethra determines the type; the epispadic type terminates dorsally whereas the hypospadic type terminates ventrally.

The ventral urethra is almost always associated with the sphincter and the veru montanum.

Preservation of the functional urethra is essential.

## Findings

Voiding cystourethrogram-Single voiding image shows two complete urethras. The dorsal urethra is non-uniformly dilated. The ventral urethra demonstrates a uniform caliber; the constriction at the bladder neck is the sphincter.

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