Bilateral Single System Ureteroceles
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History
Newborn female with prenatal hydronephrosis.

Diagnosis
Bilateral Single System Ureteroceles

Discussion
Ureterocele is a congenital cystic dilation of the submucosal segment of the distal ureter within the bladder wall. Single system ureteroceles (SSU) are located within the bladder wall at the orthotropic ureteral ostia; a duplicated system inserts inferiorly and medially. The ureteral orifice is variably stenotic accounting for the ureterocele and obstruction. SSU usually presents in infancy with signs of urinary tract infection or prenatal diagnosis of hydronephrosis. SSU are usually unilateral (>90%), more often seen in males (78%), and sometimes associated with ipsilateral multicystic dysplasia (29%).

Findings
US-Bilaterial single system (i.e., nonduplicated) intravesical ureteroceles with moderate-marked hydroureteronephrosis.

Reference

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