

## **URETERAL TRIPLICATION WITH MID/INTERPOLAR ECTOPIC MEGAURETER MANAGED WITH ROBOTIC URETEROURETEROSTOMY: A CASE REPORT**

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**Introduction:** Ureteral duplication is a common urological malformation but the presence of three ureters in the same renal unit is a rare congenital anomaly. Less than 100 cases of ureteral triplication have been reported in the literature since its first description in 1870. This anomaly is commonly associated with other urological malformations such as ureteral ectopia, contralateral ureteric duplication and renal dysplasia. Obstructed megaureter of a mid/interpolar ureter associated with ureteral triplication has never been described.

**Case Summary:** We report the case of a 4-year-old girl who presented with total urinary incontinence, recurrent abdominal pain and UTI. Imaging showed left ureteral triplication with left mid/interpolar moiety hydroureteronephrosis due to ectopic ureteral insertion causing obstruction. Upper and lower poles of the affected kidney were without evidence of obstruction or vesicoureteral reflux. Normal right side renal unit and collecting system were seen. A robotic left ureteroureterostomy with resection of the distal ectopic megaureter was successfully performed. The patient is currently pain free with resolution of her urinary incontinence and no interval UTI.

**Conclusions:** This report describes the rare occurrence of ureteral triplication associated to mid/interpolar ectopic megaureter in a pediatric. A novel approach using robotic ureteroureterostomy resulted in total urinary continence with resolution of symptoms.