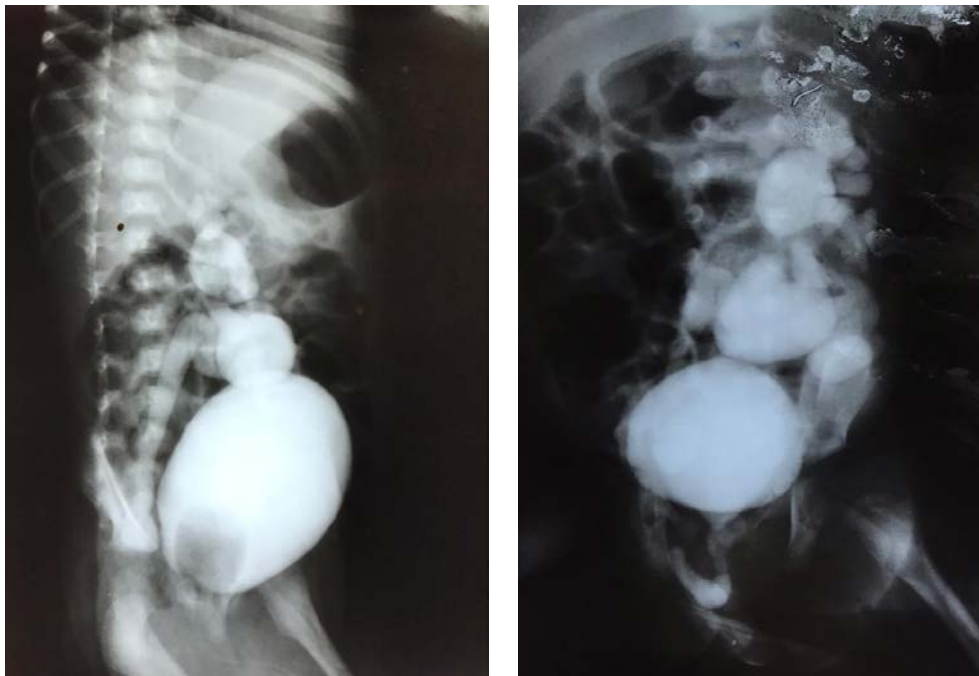


## A 12-year-old Boy with Urinary Incontinence

A 12-year-old boy who was referred with incontinency and recurrent urinary tract infections. His laboratory investigations showed increased level of creatinine and mild anemia. His urinalysis, biochemistry and blood pressure were in normal range. His physical examination was unremarkable. His voiding cystoureterography is shown in figure 1.

**What is your diagnosis?**



**Figure 1.** VCUG of the patient

## A 12-year-old Boy with Urinary Incontinence

Reza Dalirani, Mitra Khalili, Mahboobeh Mirzaee\*, Golazin Shahbodagh

Pediatric Nephrology Research Center, Research Institute for Children's Health, Shahid Beheshti University of Medical Sciences, Tehran, Iran.

Please cite this article as: Dalirani R, Khalili M, Mirzaee M, Shahbodagh G. A 12-year-old Boy with Urinary Incontinence. *J Ped Nephrol* 2020;8(4):1-2.

<https://doi.org/10.22037/jpn.v8i1.32442>

**\*Corresponding Author**

Mahbubeh Mirzaee, MD.

Email: mahbube.mirzaee1368@gmail.com

His VCUG showed cross ectopia of right kidney with bilateral grade V vesicoureteral reflux. His MRU revealed fused crossed ectopic kidney in left side with small size, lobulated appearance, loss of corticomedullary differentiation and mild dilation of pelvicaliceal system. In bladder view, multiple succulations was in favor of neurogenic bladder or reflux nephropathy (figure 2).

Crossed fused renal ectopia is a rare congenital anomaly in pediatric and adult group which is mostly detected incidentally. This abnormality is often associated with other situations such as kidney agenesis, incontinence, abdominal mass, recurrent urinary tract infection nephrolithiasis and genital anomalies (1).

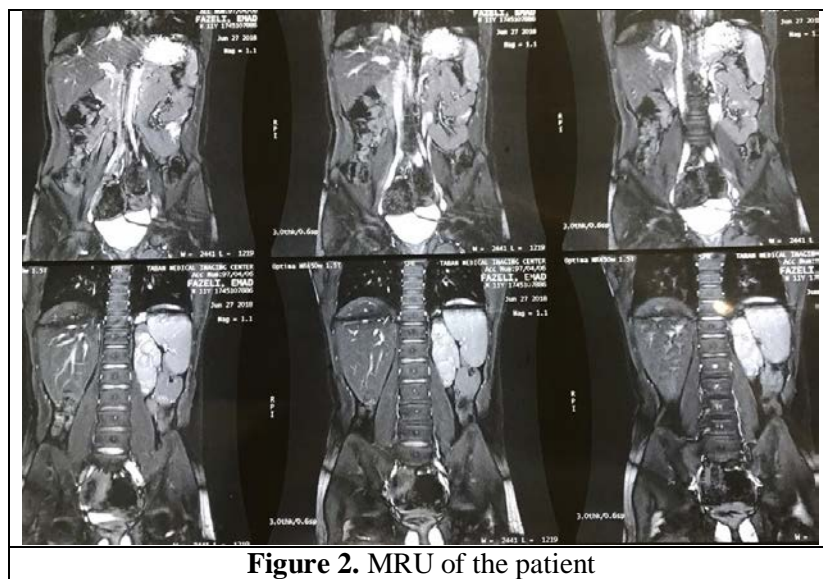


Figure 2. MRU of the patient

**References:**

1. Mudoni, A., Caccetta, F., Caroppo, M. et al. Crossed fused renal ectopia: case report and review of the literature. *J Ultrasound* 2017;20:333–337. <https://doi.org/10.1007/s40477-017-0245-6>.