

Laparoscopic Pyeloplasty

Bedoor Al Omran, MBBCH* Ayman Raees, MD, MRCSI, FRCSC**

ABSTRACT

We present a case of ureteric pelvic junction obstruction (UPJO) that was treated by laparoscopic pyeloplasty. To our knowledge, this is the first case done in Bahrain. A twenty-seven-year-old male patient presented with one year history of left sided abdominal pain. The patient was diagnosed with Pelviureteric junction obstruction based on the finding of contrast CT. Laparoscopic pyeloplasty is one of the surgical options for obstruction of Ureteropelvic Junction (UPJ); it is less invasive, less morbid compared with open pyeloplasty.

Pelviureteric junction obstruction (PUJO) most commonly presents with pain, hematuria and recurrent urinary tract infection. Incidental findings of hydronephrosis and atrophic kidney could be seen in these patients. Surgical intervention might be required in indicated cases.