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### **Giant Mullerian duct cyst in an adult presented as symptomatic pelvic mass: a case report**

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**Introduction** A Mullerian duct cyst results from an abnormality of regression of

the Mullerian system. Symptomatic Mullerian duct cysts are uncommon.

**Case history** Thirty year old young adult male presented to us with a palpable tender supra-pubic mass, abdominal pain and lower urinary tract symptoms. Initial imaging modalities showed a large cystic lesion in the pelvis. On exploration, the lesion was noted to be separate from the seminal vesicles, bladder and posterior urethra. The cystic lesion was excised completely preserving the vas deferens and seminal vesicles. Histologic examination of the excised mass displayed as benign cyst. According to the clinical and radiological history it was concluded as Mullerian cyst.

**Discussion** Mullerian duct cysts are relatively uncommon and symptomatic presentation as large pelvic mass is very rare. The main differential diagnosis for a Mullerian duct cyst is a prostatic utricle cyst. The diagnosis of Mullerian duct cysts is classically made by considering the clinical, imaging and surgical investigations. Many a times though, the diagnosis is evident only on exploration.

**Conclusion** A high index of suspicion is needed for identification of this rare condition. Open surgical exploration remains the mainstay of diagnosis in case of diagnostic dilemma.