

An interesting case of a mucinous cystadenoma of a horseshoe kidney in a middle-aged woman.

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A 48-year-old female presented with complaints of right sided vague abdominal pain associated with abdominal lump.. Computed tomography revealed horseshoe kidney with Bosniak IIF cystic lesion arising from the interpolar region of right segment of the horseshoe kidney (HSK). In view of the persistent pain, patient underwent cyst excision. The final histopathology diagnosis was mucinous cystadenoma. On follow-up at 6 months post surgery, there was no recurrence. The histopathology is very unique and rare with only a few cases recorded in literature. The inner lining of the cyst wall composed of columnar epithelium secreting mucin and at some places by transitional epithelium. This indicates that the origin of the mucinous tumour was likely to be from a sequestration of the renal pelvic urothelium in the renal parenchyma.