Isolated Renal Hydatid Cyst Misdiagnosed and Operated as a Cystic Renal Tumor

Gadelkareem RA, Elqady AA, Abd-Elshafy SK, Imam H, Abolella HA.

Abstract:

Objective: Presentation of a case of isolated renal hydatid cyst with novel findings and unusual surgical scenario. Clinical Presentation and Intervention: A 54-year-old female patient presented with left loin pain and a palpable left renal mass. Imaging described a well-demarcated left renal cystic lesion with a two-layer wall. Radical nephrectomy was done due to the possibility of malignancy. On retrograde revision, the two-layer wall represented the detached germinative membrane of a hydatid cyst that was confirmed by histopathology. Conclusion: Isolated renal hydatid cyst could be misinterpreted as a renal tumor. It should be considered in the differential diagnosis of renal cystic lesions.

Keywords:

Renal hydatid cyst · Cystic renal tumor · Echinococcus granulosus · Renal pseudotumor

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