

CASE REPORT

## A Hydatid Cyst with Double Localization Splenic and Retrovesical: An Exceptional Evolution

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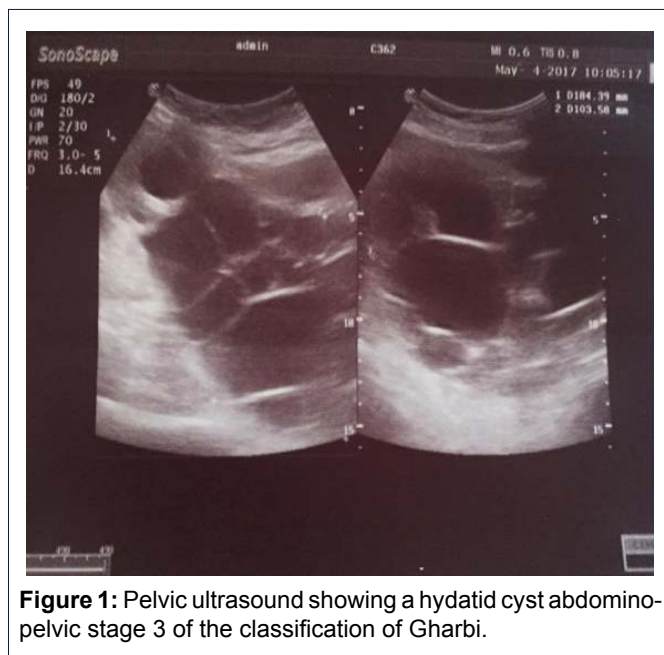
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The retrovesical location of the hydatid cyst is rare. To our knowledge, we report the first case of retrovesical hydatid cyst with spontaneous fistulisation in the rectum in a 70 year old patient who presented with acute urinary retention.

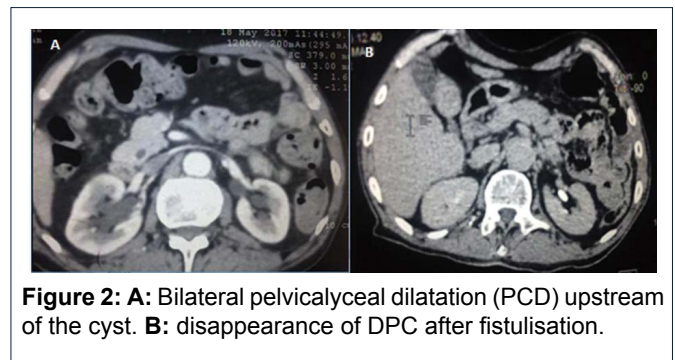
A 70-year-old man presented with a history of Atrioventricular block 1st degree. He reported a 4 month history of dysuria, pollakiuria and episodes of fever peaks without hydaturia complicated by a acute urinary retention . The physical examination Shows a mobile hypogastric mass, blood test (including eosinophils) is normal.

A pelvic and abdominal ultrasound (**Figure 1**) showed a retrovesical mass honeycomb shape measuring 18,5 cm in height In favor of a hydatid cyst without hepatic localization.

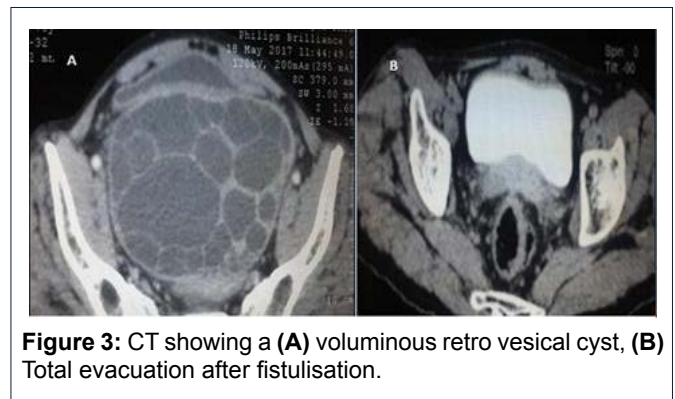
The abdominal computed tomography (CT) scan (**Figure 2**) showed a 12.5×13×10 cm calcified cystic lesion between the rectum and the bladder exerting a mechanical effect on the upper urinary tract causing a bilateral pelvicalyceal dilation. Serology (indirect haemagglutination) was positive with a titre 1/3200.



**Figure 1:** Pelvic ultrasound showing a hydatid cyst abdomino-pelvic stage 3 of the classification of Gharbi.



**Figure 2: A:** Bilateral pelvicalyceal dilatation (PCD) upstream of the cyst. **B:** disappearance of PCD after fistulisation.



**Figure 3:** CT showing a (A) voluminous retro vesical cyst, (B) Total evacuation after fistulisation.

The evolution was marked by the emission of daughter vesicles in the stools explaining the appearance of a spontaneous fistula between the retrovesical hydatid cyst and the rectum. On digital rectal examination does not find a fistulous path with a small soft prostate. The patient had a rapid spontaneous resolution of symptoms. Contrast computed tomography (**Figure 3**) confirmed the absence of a retrovesical hydatid cyst. Retrovesical hydatidosis is a rare condition (0.1–0.5%) [1].

To our knowledge, this is the first report of a retrovesical hydatid cyst Fistulized in the rectum. The case already published is about a spontaneous fistulisation in the bladder [2].

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## References

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