

Hydatid Cyst of the Psoas Muscle

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Received: March 24, 2021

Published: April 07, 2021

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Figure 1

History

Patient aged 70 years, with a history of diabetes and hypertension, was hospitalized for management of thrombosis of the left femoral vein. The patient has not predisposing factor for thrombosis. The physical examination at admission revealed a firm mass in the right inguinal region. The biological assessment is without ab-

normalities except for hyperglycaemia. The abdominal and pelvic ultrasound showed a 8 cm long heterogeneous tissue mass in the right iliac region with multiple small cysts with anechoic content. The CT scanner notes the presence of a lesion cystic multi-partitioned du muscle ilio psoas right, measuring 8 × 6 cm and extends ant the lower pole of the kidney to the inguinal region. There are no deep lymph nodes or other cystic locations. The psoas magnetic resonance imaging confirmed the diagnosis of the cyst. The patient has positive serology of hydatid which reinforced this hypothesis. The diagnosis of primary hydatid cyst of the psoas is retained, and surgical treatment was considered after stopping the anticoagulant treatment which was prescribed for the thrombosis.

Diagnosis

Hydatid cyst of the psoas muscle.

Comments

In our patient, the occurrence of a deep vein thrombosis, without predisposing factors, and a discovery of inguinal mass have made mention first neoplastic cause lymphoma. The diagnosis is invalidated by the imaging data. The diagnosis of hydatid disease of the psoas muscle is suggested by the cystic appearance of the lesion and the positivity of hydatid serology. The absence of other cystic localizations, in particular hepatic or pulmonary, pleads in favour of the primitive nature of the hydatid cyst of the psoas. The hydatid cyst of the psoas is a benign and rare disease. It should be mentioned before any lumbar or pelvic cystic mass in a patient from a country of endemic hydatid like ours. The diagnosis is based

on ultrasound coupled with computed tomography and in case of doubtful diagnosis one can resort to magnetic resonance imaging of the psoas [1-3].

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