

# Management of rare abdominal fetal cyst: A case report

Authors: Evripidou A., Didichenko V., Papamichael A, Evripidou I., Zacharioudaki E., Georgiou M.

## Results:

The initially detected cyst measured 31 x 25 x 19 mm. Subsequent measurements indicated steady growth, reaching 63 x 42 x 26 mm by 37 weeks and 4 days. Despite an elective C-section planned for the 38th week, early contractions necessitated delivery at 37 weeks and 5 days. Postnatal evaluations at NICU included an ultrasound and MRI, confirming an abdominal cyst, which was surgically removed. However, histological analysis identified it as a benign hepatic cyst. The infant was discharged from NICU on the 10th day post-surgery without complications.

## Objective:

Fetal abdominal cysts are seldom encountered during pregnancy. This case report elucidates the discovery and diagnostic process of a benign hepatic cyst detected during a routine prenatal ultrasound, contributing to the sparse literature on such conditions.

## Methods:

A 27-year-old pregnant woman underwent a routine ultrasound at 26 weeks of gestation, where an abdominal cyst was detected in the fetus. Follow-up assessments included additional ultrasounds to monitor the size of the cyst and non-invasive prenatal testing (NIPT) to screen for any genetic abnormalities associated with the fetus

## Conclusion:

The diagnosis and management of fetal abdominal cysts require careful monitoring and prompt intervention. This case underscores the importance of routine prenatal scans in the early detection of potentially complex conditions. It also highlights the necessity for interdisciplinary collaboration in the postnatal confirmation and management of such rare findings.

Scan here for ultrasound images and videos



Iasis Private Hospital, Paphos Cyprus