

Images in Infectious Diseases

Giant hydatid cysts in pregnancy: A rare presentation

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A 23-year-old, 30-week pregnant woman was admitted to our hospital complaining of abdominal pain. Routine laboratory tests were within normal limits. Magnetic resonance imaging (MRI) revealed two unilocular cystic lesions in the VI–VIII and IV segments of the liver of $13 \times 14 \times 17$ cm and $13 \times 15 \times 16$ cm sizes, respectively (Figure 1). The cyst located in the right lobe created pressure on the uterus and fetal sac. The MRI did not detect any other findings that could cause abdominal pain. The patient was followed up for five weeks. Cystectomy and cesarean section were performed under general anesthesia at the 35th week of gestation.

The incidence of hydatid disease in pregnancy is 1 in 20,000–30,000¹. Cyst rupture is one of the complications of hydatid cyst during pregnancy² that can lead to the death of both the mother and fetus due to anaphylaxis. Pregnant women with hydatid cysts should be closely monitored for such complications. Surgery is the preferred method of treatment in cases diagnosed during pregnancy.

The local ethics committee approval was obtained.

AUTHORS' CONTRIBUTIONS

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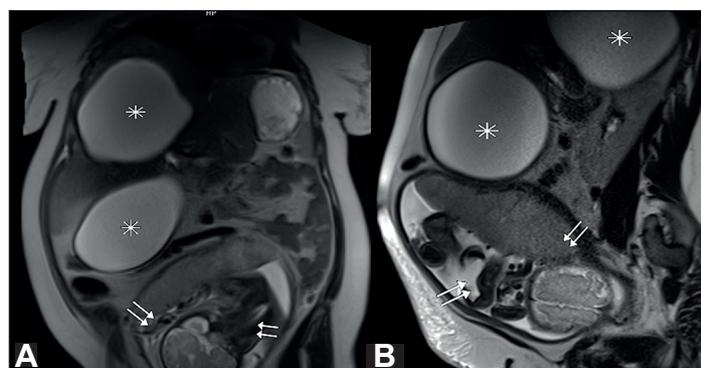


FIGURE 1: MRI of the abdomen T2-weighted (A) coronal and (B) sagittal images show hyperintense giant cysts (asterisk) in the liver that compress the uterus and fetus (arrows).

CONFLICT OF INTEREST

The authors declare that they have no conflict of interest to the publication of this article.

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