E-QUID: QUESTION / Gastrointestinal imaging

Unusual cause of acute abdominal pain

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Case report

This 27-year-old man had surgery 3 years ago for a bilateral inguinal hernia. He reports rapidly progressive abdominal pain over the past week, with vomiting and a temperature of 37.8°. Clinical examination found diffuse abdominal guarding with a reducible right inguinal hernia.

The ultrasound showed an oval-shaped echogenic mass at the right flank, without any intraperitoneal effusion. The patient had CT of the abdomen and pelvis, with contrast product, in axial slices with sagittal reconstruction (Fig. 1).
Figure 1. Abdominal CT after injection of contrast product in axial slices (a, b, c, d) and coronal (reconstruction e).
What is your diagnosis?

Based on your reading of this case report, which of the following diagnoses would you choose:

- acute epiploic appendagitis?
- incarcerated Meckel diverticulum?
- diverticulitis?
- volvulus of the greater omentum?

Disclosure of interest

The authors declare that they have no conflicts of interest concerning this article.