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Multidetector computed tomography 3D and multiplanar reconstruction diagnosis of a rare cause of gastrointestinal bleeding: a case report

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Abstract:

BACKGROUND

Anastomosis of the testicular vein with the superior mesenteric vein rarely causes severe gastrointestinal bleeding. To date, there have been few studies describing its appearance under medical imaging. Here, we present multidetector computed tomography (MSCT) 3D and multiplanar reconstruction (MPR) images of a typical digital subtraction angiography (DSA) showing proven ectopic bleeding and provide the first review of the image performance.

CASE SUMMARY

A 68-year-old man who had been rushed to the hospital with a four-day history of melena and fainting underwent multiple esophagogastroduodenoscopy (EGD) procedures that failed to identify the source of bleeding. We used MPR combined with three-dimensional reconstruction images...

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