

Wandering spleen with splenic arteriovenous torsion

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Abstract

This was a rare case of wandering spleen with splenomegaly and abdominal pain due to splenic arteriovenous torsion after childbirth.

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Conflicts of interest:

The authors declare that there is no conflict of interest that could be perceived as prejudicing the impartiality of the research reported herein.

Statement of informed consent:

Informed consent to publish these images was obtained from the patient.

A 35-year-old Japanese woman had been diagnosed with a wandering spleen 20 years ago. No symptoms such as abdominal pain was observed before the delivery of her full-term infant. Contrast-enhanced computed tomography (CE-CT) was conducted post-delivery. The patient's spleen was located in the middle of the abdomen (**a**). A few months post-delivery, she began to have frequent left-sided abdominal pain. CE-CT showed that her spleen had enlarged and moved into the pelvis (**b**). The splenic artery and vein were spirally twisted 1260° (**c**). The congestion of the splenic vein caused splenomegaly and hypersplenism. The abdominal pains cause was intermittent blood flow disturbance due to splenic arteriovenous torsion. A laparoscopic splenectomy was performed. No abdominal pain occurred post-surgery. The weight of the removed spleen was 350 g. This was a rare case of wandering spleen with splenomegaly and abdominal pain due to splenic arteriovenous torsion after childbirth.

(a)



(b)



(c)

