Answer

Internal Hernia Through the Left Hepatic Triangular Ligament

A laparotomy was performed and showed an internal hernia through the left hepatic triangular ligament with small-bowel strangulation (Figure 2). Because of ileum necrosis, intestinal resection with side-to-side anastomosis was performed. The patient's postoperative course was uneventful.

Internal hernia is a rare condition that occurs in no more than 2% of cases of small-bowel occlusion.1 The main causes of peritoneal or mesenteric defects are congenital in young patients and traumatic or postoperative in adults.2,3

An anatomic classification of spontaneous internal hernia was recently reported by Gomes and Rodrigues.4 The most frequent sites for internal hernia were paraduodenal (53%), paracecal (13%), transmesenteric (8%), and through the Winslow foramen (8%).4 The incidence of internal hernia through the left hepatic triangular ligament is particularly hard to estimate. To the best of our knowledge, only 1 previous case has been reported in the literature.5

An explanation for this internal hernia could be that our patient has partial left-diaphragmatic palsy with ascension of the left diaphragm, which could have led to stretching of the left triangular ligament.

The diagnosis of an internal hernia through the left hepatic triangular ligament is challenging but may be aided by abdominal computed tomography.6 The diagnosis is frequently made only during surgical exploration, which, to reduce morbidity and mortality, should not be delayed.

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REFERENCES