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Introduction

Perforation of distal ileum due to internal herniation into the broad ligament is rare. We report a case of small bowel perforation due to distal ileum herniated into a defect on broad ligament.

Case report

A 38-year-old female with history of lower segment caesarean section, presented with nausea, abdominal pain and distention for 11 days prior. Clinically she was dehydrated, the abdomen was distended and tender but there was no peritonism. Abdomen X-ray showed dilated small bowel. Contrast enhanced CT abdomen showed small bowel obstruction with a transition point at the distal ileum due to an adhesion band originating from the left adnexa. Emergency laparotomy was performed and noted the distal ileum passed through the broad ligament with 2 centimeter perforation. The distal ileum reduced and limited right hemicolectomy with side to side ileocolic stapler anastomosis was performed. The defect was closed primarily. Patient was discharged well post operatively.

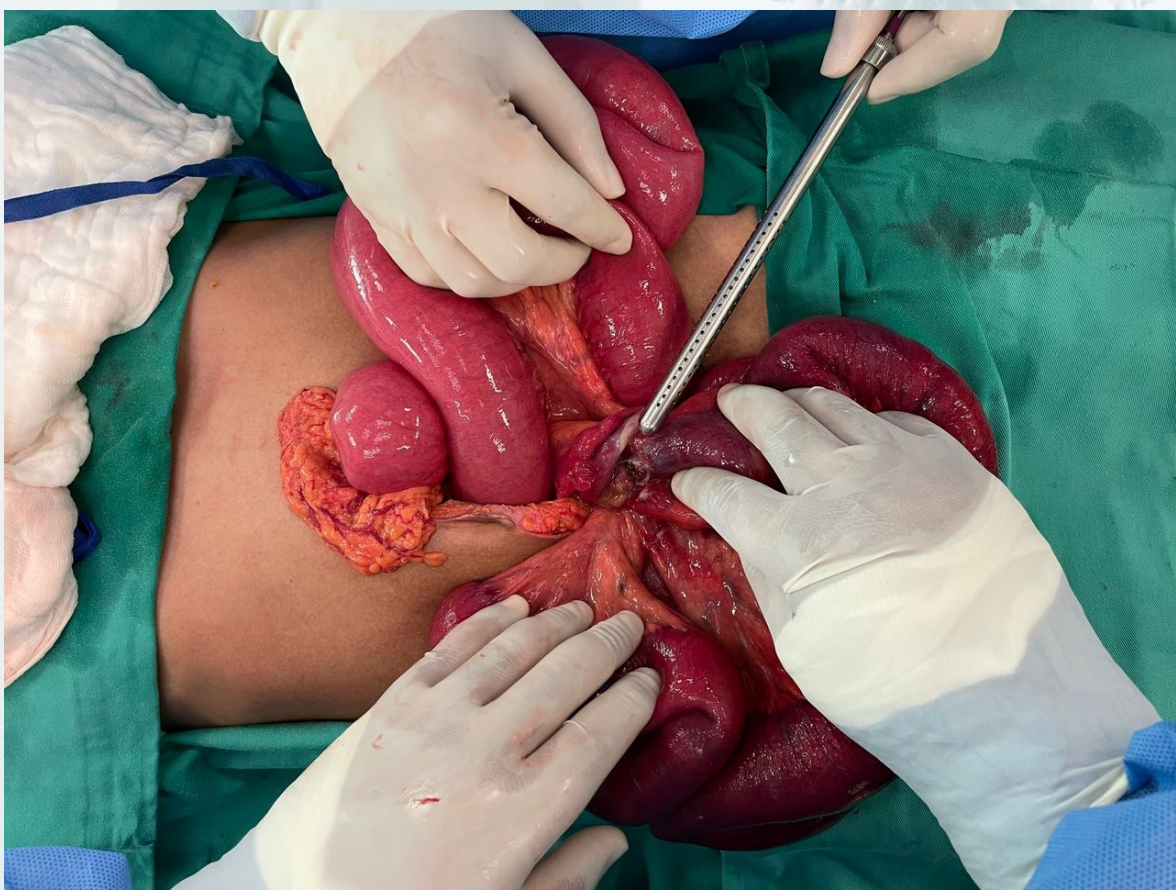


Figure 1 : Strangulated bowel with perforation in the broad ligament hernia

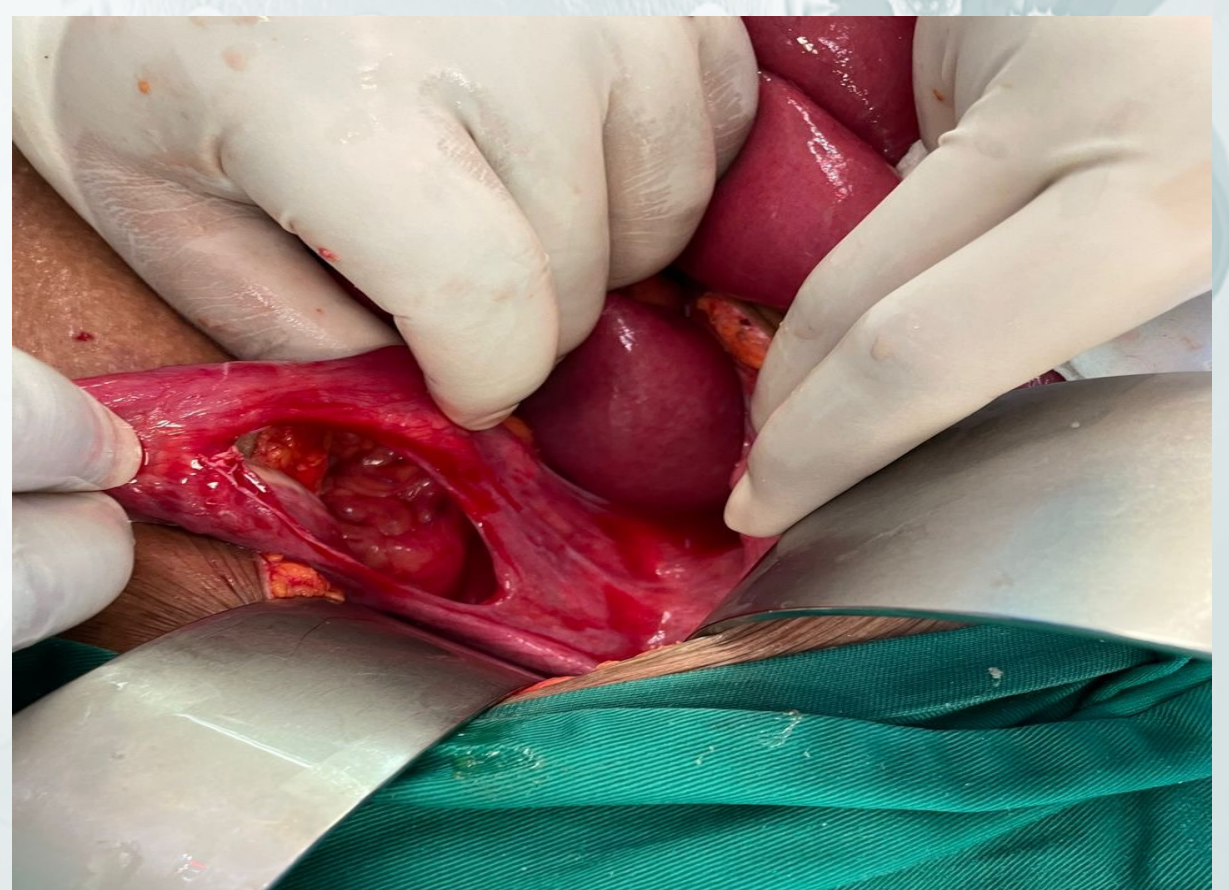


Figure 2 : Left broad ligament defect

Conclusion

Perforation of distal ileum due to herniation through the broad ligament is very rare and challenging to diagnose preoperatively. Despite history of abdominal surgery, internal herniation should be considered before opting conservative treatment.