

A Case Study on Chylo lymphatic Mesenteric Cyst Presenting with Acute Intestinal Obstruction

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Abstract:

A Chylo lymphatic cyst, as the name suggest is a type of mesenteric cyst that contain both chyle and lymph usually presents within the mesentery lined with a thin endothelium or mesothelium. The incidence is between 1:100,000 to 1:250,000 in hospital admissions. Chylo lymphatic cysts are rare intra-abdominal benign tumours, may occur in the mesentery of the gastrointestinal tract from the duodenum to the rectum. 25% of the mesenteric cyst occur in children up to 10 year of age and constitute 7.3% to 9.5% of all abdominal cysts. [1]

Herein, I report a case of Chylo lymphatic mesenteric cyst in paediatric patient who presented with signs of acute intestinal obstruction which was found to be because of volvulus of small bowel around the cyst and treated by segmental bowel resection along with the excision of the mesenteric cystic mass and end to end anastomosis of jejunum.

Keywords:

Acute intestinal obstruction, Chylo lymphatic cysts, Mesenteric cyst.