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Duplication cyst of the cecum: A rare case report

Mohammed Anis Shoeb Mansuri
Surat Municipal Institute of Medical Education & Research, India

Enteric duplication cysts are rare and uncommon congenital malformations affecting 1 in 4500 births formed during the embryonic period of development of the human digestive system. They are mainly encountered during infancy or early childhood, but seldom in adults. The clinical presentation is extremely variable depending upon its size, location and type in which majority of affected patients present in first two years of life with per rectal bleeding, palpable lump or intestinal obstruction. The commonest location of these cysts is in small bowel but ileocecal cysts are exceedingly rare. Some of them may remain asymptomatic and present in the adulthood. The lesion may be tubular or cystic. Several theories have been postulated, but true etiology is not known. We report a case of cecal duplication cyst in a 2-year-old male child who presented with abdominal pain and signs suggestive of intestinal obstruction resulting into a diagnostic dilemma, in Outpatient Department of General Surgery at Surat Municipal Institute of Medical Education & Research (SMIMER), Surat, Gujarat, India. This report implies that although alimentary tract duplications are rare, they should be considered in the differential diagnosis of children who presents with acute abdominal pain. Excision of the cyst along with cecum and appendix was done. The child had an uneventful postoperative recovery following ileo-ascending anastomosis.

mansurianis@gmail.com

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