

Anemia as One of Presenting Symptoms in an Adult with Cyst and Torsion of the Omentum - A Case Report

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Abstract

Background: Torsion is an uncommon disorder of the omentum and cysts are one of the rarest causes of omental torsion. To our knowledge, this is the first report of a case of an omental cyst presenting with both omental torsion and anemia.

Case presentation: We herein present a case report of a 41 year old indian female patient who presented with anemia (hemoglobin concentration 6.5 g/dL) and intermittent abdominal pain caused by torsion of a hemorrhagic omental cyst. A computed tomography scan, showed an omental cyst with free fluid in the abdominal cavity. At abdominal exploration, 1.5 L of hemorrhagic fluid was confirmed in the abdominal cavity. The cyst and twisted omentum were removed en bloc. The patient had an uneventful postoperative course and was discharged on day 8. At her 2-month follow-up, she was no longer anemic (hemoglobin concentration 10.7 g/dL).

Conclusion: Cases of anemia associated with omental torsion have been reported in children; however, to the best of our knowledge, this is the first reported case of such a presentation in an adult. In such patients, surgical removal is the treatment of choice. Persons with recurrent abdominal pain and anemia must be assessed carefully and their differential diagnosis should include omental torsion. Appropriate diagnosis and treatment help avoid complications.

Key words: cyst, torsion, omentum, mesenteric, anemia.