

Retroperitoneal cyst presenting with right iliac fossa pain mimicking acute appendicitis

Abstract

Acute right lower quadrant (RLQ) abdominal pain is a common surgical emergency. Appendicular abscess is often suspected in the presence of free fluid with moving internal echoes in the RLQ on imaging and aspiration of pus from the RLQ. We report the case of patient laparotomy for suspected appendicular abscess revealed a normal appendix, and a retroperitoneal cyst extending from the root of the mesentery to the sacral promontory was found. Retroperitoneal cysts are largely asymptomatic and have no specific symptoms and signs. This case is being reported to highlight that retroperitoneal cyst should be considered as one of the differential diagnoses for RLQ abdominal pain and a laparotomy would aid in the final diagnosis.