

Perforation of Meckel's Diverticulum by Foreign Body, A Rare Complication

A. Cotîrleț, R. Anghel, E. Tincu, S. Rău, I. Moțoc, E. Popa

Surgery Department, Moinești Emergency Municipal Hospital, Romania

Abstract

Meckel's diverticulum is a congenital disorder that results from an incomplete obliteration of the vitelline duct. Meckel's diverticulum may give rise to bleeding, intestinal obstruction and inflammation; however, its perforation by a foreign body is an extremely rare life-threatening complication. We report on a 37-year-old male presenting symptoms and signs of acute abdomen with an initial suspicion of acute appendicitis. However, the right diagnosis was made only during exploratory laparoscopy when the appendix was found to be normal, whereas Meckel's diverticulum was found to be inflamed and perforated by a chicken bone. The patient was treated successfully with laparoscopic resection of the diverticulum, and had an uncomplicated postoperative course.

Key words: perforated Meckel diverticulum, foreign body, complications, laparoscopic resection

Corresponding author: Adrian Cotîrleț, MD

Zorilor Street, no. 1, 605400, Moinești, county Bacău, Romania

E-mail: spitalmoinesti@bacau.astral.ro