Abstract

Background: Meckel's diverticulitis is an infrequent disease that must be considered in the differential diagnosis of acute abdominal pain. Clinical cases: We present 10 cases of Meckel's diverticulitis diagnosed at Hospital Ramón y Cajal (Madrid) between 1985 and 2007. There were eight males and two females with a mean age of 27.5 years. Nine cases presented as a pain in the right lower quadrant suspicious of acute appendicitis, and one case presented as bowel obstruction. Appendectomy + diverticulectomy were performed in those cases with preoperative diagnosis of appendicitis, and diverticulectomy and adhesion release in the patient diagnosed with bowel obstruction. Conclusions: Meckel's diverticulitis is a rare pathology. Intraoperatively, when the appendix is macroscopically normal, the abdominal compartment must be explored in order to exclude other inflammatory processes such as Meckel's diverticulitis.

Keywords
Meckel's diverticulitis, acute abdominal pain, omphalomesenteric duct, acute appendicitis.