

A case of Panperitonitis due to a Perforated Meckel's Diverticulitis

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Abstract : A 58-year-old man was admitted to our hospital because of right lower abdominal pain on May 13, 2004. A physical examination showed severe tenderness in the right lower abdomen, a muscle defense and rebound tenderness through out the entire abdomen. A simple abdominal X-ray film showed a large amount of small intestinal gas, while abdominal CT showed free air on the surface of the liver. A diagnosis of panperitonitis due to a perforation of the lower gastrointestinal tract was made and an emergency operation was performed. At laparotomy, a large amount of purulent ascites was found. A Meckel's diverticulum covered by the omentum was found about 55 cm from the oral side from the ileocecal valve, which was perforated at the tip. A partial resection of the ileum, including Meckel's diverticulum was done. In addition, both irrigation and drainage of the intraperitoneum were also performed. Histopathologically, a gastric pyloric type mucosa was found in Meckel's diverticulum. This problem appeared to have been induced by gastric acid juice.

Key words : Meckel's diverticulum, Perforation, Panperitonitis, Entopic gastric mucosa