A 3-year-old female child with a history of intermittent abdominal pain and postprandial vomiting presented with fever, vomiting, and abdominal pain. The epigastrium was mildly sensitive on examination. Laboratory studies showed elevated leukocyte count (13,000/L), amylase (667 U/L), and lipase (2332 U/L). Abdominal CT showed pancreatitis with a cystic lesion repressing the pancreatic head. The radiographs were taken after drinking gastrointestinal contrast medium and showed ovoid filling defect on the medial aspect of the descending duodenum (figure 1A). Magnetic resonance cholangiopancreatography (MRCP) suggested the diagnosis of a duodenal duplication (DD) measuring 4 cm×3.2 cm repressing the Vater-ampulla (figure 1B). The patient operated with the resolution of symptoms. Surgery was decided to prevent recurrences of pancreatitis and complications of the cyst. During laparotomy, the cyst was palpated within the lumen of the duodenum. The second part of the duodenum was opened longitudinally and was found to share a common wall with the cyst (figure 1C). The Vater-ampulla was located on the duodenal cyst wall and drained the bile duct. Stripping mucosal lining after excising the resectable portion of the cyst was performed. The postoperative course was uneventful, and the girl was discharged on the fourth postoperative day. Histopathology confirmed the diagnosis.

DDs account for 5% to 9.6% of all gastrointestinal duplications. A recent meta-analysis identified fewer than 50 published cases. Most of the cases did not communicate with the intestinal lumen. Symptoms are non-specific, such as abdominal pain, hemorrhage, cyst infection, or intussusception. DD is a rare cause of acute pancreatitis in childhood. Upper gastrointestinal contrast radiographs and MRCP are useful for an accurate diagnosis. They may demonstrate communication with pancreatic and/or bile duct. Complete surgical resection is the treatment choice. However, in front of close proximity with the main pancreatic duct and the common bile-duct like our case, marsupialization may be chosen. Although DD is considered a benign
entity, a few cases developed complications and malignancies. Therefore, a long-term follow-up would be necessary mainly for patients who underwent marsupialization.

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ORCID iD Saloua Ammar http://orcid.org/0000-0001-8129-0617

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