MedStar Health ¹Ashik Pokharel MD, Mohd Amar Alsamman MD², Prinyanka Kanth, MD,MS² ¹Medstar Health Internal Medicine Residency Program, Baltimore, ²Medstar Georgetown University Hospital, Division of Gastroenterology,

Introduction

Although Gastrointestinal fistula is a well-recognized complication of acute pancreatitis, it has been rarely repo Here we present a rare case of spontaneous gastro pan fistula following acute pancreatitis.

Case Description

A 42 y/o female with PMH of SLE with a recent pro hospitalization for acute drug-induced pancreatitis pseudocyst presented to ED with fever, abdomina nausea, and vomiting.

On presentation

Vitals: Febrile, tachycardic but otherwise hemodyna stable

Physical examination: Tenderness +nt Epigastrium, Rl RLQ

Laboratory diagnostics:

-COVID-19 positive -Leukocytosis

Imaging:

-CT Scan A/P: multiple infected peripancreatic collection communication of LUQ collection with gastric lumen. **Hospital course:**

- The patient kept NPO and started on fluids and antibiot
- IR evaluated and put 2 pigtail catheters for drain peripancreatic collections.
- catheter • The tip of the pigtail in the peripancreatic/retroperitoneal collection was in the lumen.
- Surgery team recommended for continuing conservative treatment with parenteral nutrition, and IV antibiotics as the patient was nontoxic with no signs of free perforation, and pancreatitis would more likely erode a staple or suture line and would put the patient at further risk of free perforation if repair attempted.

Spontaneous Gastro-pancreatic Fistula: A Rare Complication of Acute Pancreatitis

Washington DC

 sensitivity results of drain fluid. Repeated multiple bedside leak tests a with oral contrast continued to be positi gastro-pancreatic fistula. The pigtail catheter continues to dra necrotic collection. The patient continues to be hospitalized managed conservatively with Parenteral IV antibiotics. IR was successful in pulling drain out of the patient of the patien		 Antibiotics were upgraded as per cu
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Fig 1: CT abdomen with Iv contrast- Peripherally enhancing fluid collection in the left upper quadrant/gastric wall. There is a communication between this collection with the gastric lumen.

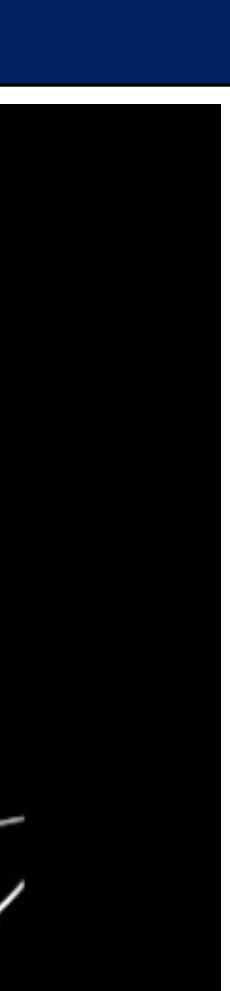
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CT scans for patent

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Discussion

- Fistula of the GI tract following acute pancreatitis can be caused by multiple reasons.
- Necrosis of the bowel may occur concomitantly with the pancreatic or peripancreatic tissue.
- Enzyme-rich fluid and necrosis can lead to vascular thrombosis, which compromises the blood supply of the segmental GI tract, eventually leading to bowel necrosis.
- GI fistulas are more common in patients with necrotizing pancreatitis with infected pancreatic necrosis.

Conclusion

pharmacologic suppression of Despite pancreatic exocrine secretion and advances in endoscopic and percutaneous therapeutic techniques, pancreatic fistula continues to be a source of morbidity and mortality following pancreatitis and requires multidisciplinary treatment.

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