An Atypical Case of Suspected Small Bowel Metastasis from a Gastric Primary Site

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INTRODUCTION

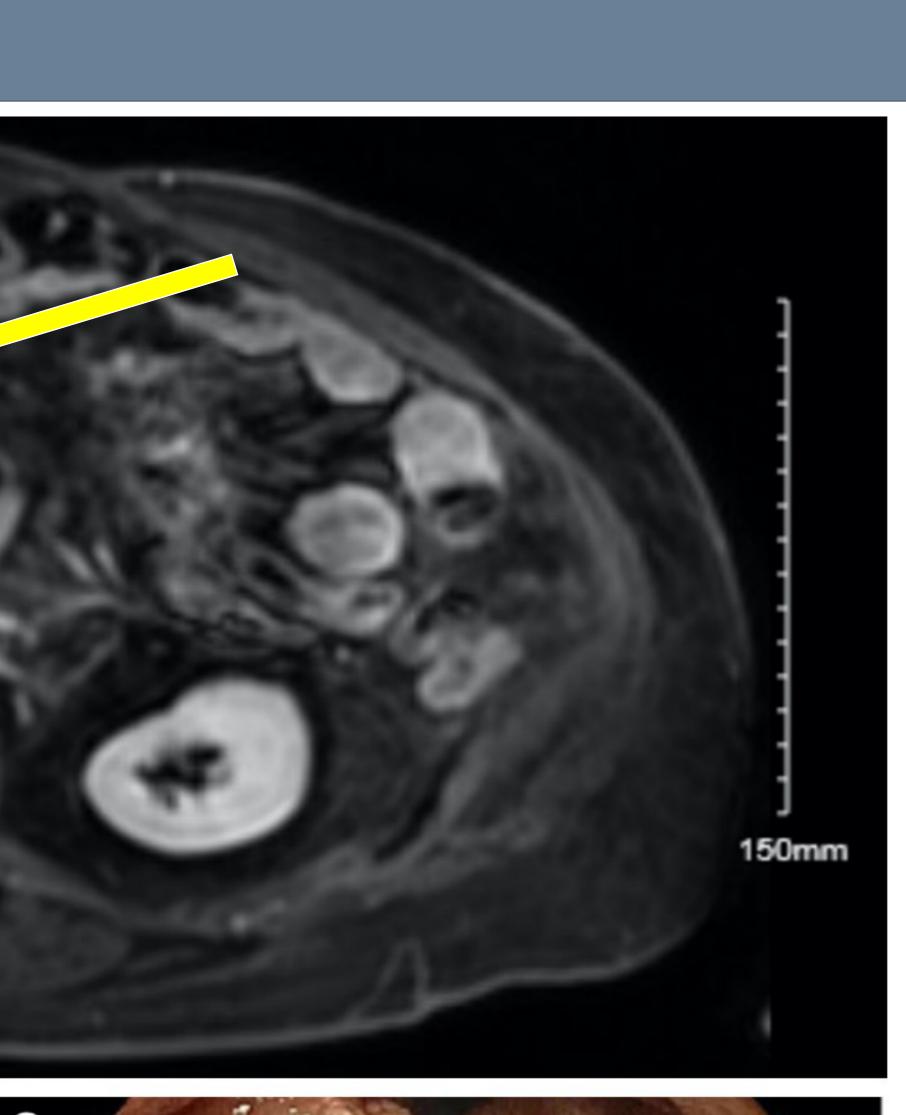
- Small bowel neoplasms comprise 1-2% of all gastrointestinal m
- Most frequently seen primary small bowel neoplasms²:
 - Adenocarcinoma (most common)
 - Neuroendocrine tumors
 - Lymphoma
 - Sarcoma
- Malignant small bowel disease originating from another site is following routes of metastasis ^{3,4}:
 - Hematogenous spread
 - Lymphatic spread
 - Direct/continuous extension of from diseased adjacer
 - Extraluminal invasion
- Patients can present with a range of symptoms that may includ bleeding, and/or obstruction
- A diagnosis of small bowel cancer may easily be overlooked as infrequently relative to its other gastrointestinal malignant cou

CASE DESCRIPTION

We report on the case of a 68-year-old male with a history of gast 2 years status post subtotal gastrectomy and extensive lymphad by adjuvant chemotherapy, who presented for evaluation after 1 Initial laboratory workup was notable for a hemoglobin of 7.8 g/ been admitted twice in the previous months with symptomati multiple transfusions. MRI from these recent prior hospitalizatio of retroperitoneal lymphadenopathy with the most notable congl 4.0 x 1.3 cm anterior to the pancreatic head. Serial EGDs/push er time revealed friability/bleeding at the gastrojejejunal anaston placement. There were also several small flat hypopigmented n the efferent limb; biopsy from one of these sites retu adenocarcinoma. Repeat push enteroscopy with biopsy was perfo biopsies taken demonstrated only mild foveolar hyperplasia, wh separate jejunal nodules were positive for poorly differentiated adenocarcinoma with extensive lymphovascular invasion.

FIGURES:
A
B
A) Lymphadenopathy anterior to pancreatic

head seen on MRI from previous admission B & C) Regions of jejunal nodularity visualized on push enteroscopy during most recent admission





DISCUSSION

- lesions seen

CONCLUSION/TAKEAWAYS

- present non-specifically

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Non obstructive, multifocal metastatic small bowel cancer originating from a gastric primary site in a patient s/p subtotal gastrectomy is a presentation not explicitly described in the current literature.

The working diagnosis for the remainder of the patient's hospitalization was metastatic recurrence of known gastric adenocarcinoma given multifocality of

 \succ Immunohistochemical staining to confirm source of primary malignancy ultimately not pursued

> The immunohistochemical profile of small bowel adenocarcinoma more closely resembles that of colonic adenocarcinoma than that of gastric adenocarcinoma⁵

• Primary as well as metastatic small intestinal malignancies are rare and often

• Such a diagnosis merits consideration in patients presenting with a variety of prandial/abdominal complaints, especially in those with a history of GI malignancy even years after surgical management of localized disease

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