

ACUTE INTESTINAL OBSTRUCTION SECONDARY TO SUPERIOR MESENTERIC VEIN THROMBOSIS MANAGED WITH ENDOVASCULAR STENTING: A CASE REPORT

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Poster

Colorectal

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A case report describes successful endovascular stenting for superior mesenteric vein thrombosis causing small bowel obstruction in a 47-year-old male who did not improve with conservative anticoagulation therapy.

KEY POINTS

- Superior mesenteric vein thrombosis accounts for only 5% of all cases of intestinal ischemia and typically presents with non-specific signs and symptoms, unlike arterial mesenteric ischemia which has a more drastic presentation.
- The patient presented with severe generalized abdominal pain and vomiting, with CT imaging showing small bowel obstruction and SMV thrombus causing severe narrowing at the midabdomen with venous congestion and decreased contrast enhancement.
- Initial conservative management with anticoagulation did not lead to clinical improvement, and in the absence of infarction or peritonitis requiring immediate surgery, an endovascular approach was pursued.
- The patient underwent SMV stenting which successfully relieved the intestinal obstruction.
- This case may interest interventional gastroenterologists and surgeons managing rare presentations of mesenteric venous thrombosis.

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