

# Anastomotic Leakage Prevention by Endovascular Stenting of the Superior Mesenteric Artery

NCT07486570

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Status	RECRUITING
Phase	Not Applicable
Sponsor	Medisch Spectrum Twente
Enrollment	360 participants

## Key Eligibility Criteria

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### Inclusion (3)

- Age  $\geq$ 40 years.
- Patient scheduled for elective colon resection above the recto-sigmoid junction with a primary anastomosis (side-to-side, side-to-end, or end-to-end).
- Presence of an asymptomatic  $\geq$ 50% atherosclerotic origin stenosis of the superior mesenteric artery (SMA)

### Exclusion (7)

- All patients with symptomatic chronic or acute mesenteric ischemia (i.e., mesenteric artery stenosis in combination with symptoms as postprandial abdominal pain, fear of eating, altered eating patterns, weight loss, diarrhoea, nausea, or exercise-induced abdominal pain).
  - Presence of a  $\geq$ 50% stenosis of the celiac artery, regardless of the underlying pathology (i.e., intra-articular atherosclerosis, intra articular thrombus or external compression by the median accurate ligament).
  - Simultaneous performed during the colon resection: a substantial abdominal organ resection, or T4b/T4c colon tumour resection, or a second colon anastomosis or a diverting stoma
  - History of mesenteric revascularization, including endovascular stenting, thrombectomy, or bypass surgery involving any of the mesenteric arteries
  - Patients with a history of heparin induced thrombocytopenia-type 2 due to contraindication for VBX Stent Graft.
- ... and 2 more (see full listing online)

## Locations (10 total)

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Gelre ziekenhuis, Apeldoorn, Gelderland, Netherlands  
Zuyderland, Heerlen, Limburg, Netherlands  
Maastricht Universitair Medisch Centrum (MUMC+), Maastricht, Limburg, Netherlands  
... and 7 more locations

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<https://clinicaltrials.gov/study/NCT07486570>

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