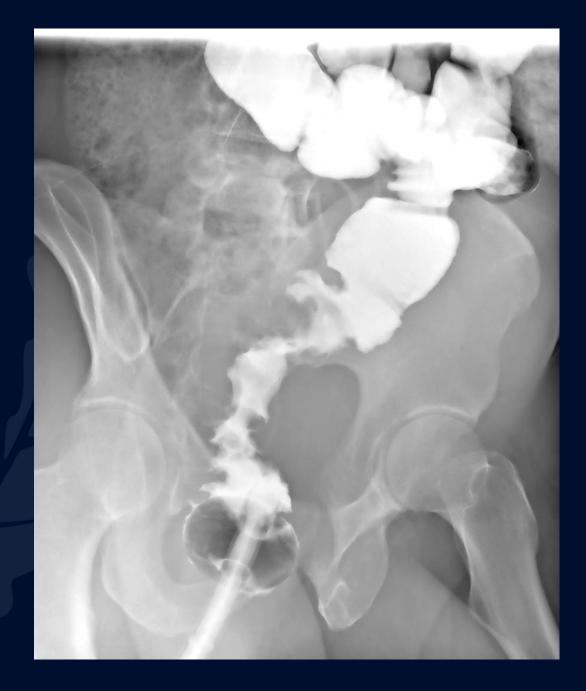
# 45 yr M, with hematochezia x6 months

Allan Zhang DO











## Sigmoid colon cancer



### Sigmoid colon cancer



- Single contrast BE: Focal narrowing of the sigmoid colon with 'over-hanging' shoulders → apple core appearance.
- Preop for rectal stent



#### Colorectal carcinoma

Common locations: -recto-sigmoid: 55% -caecum and ascending colon: ~20% -ileocaecal valve: 2% -transverse colon: ~10% -descending colon: ~5%

Presentation:

–Distal colon: Colonic obstruction and hematochezia
–Proximal colon: Anemia, weight loss, fever



#### Colorectal carcinoma

- Imaging:
  - Barium enema: early lesions will present as filling defects → luminal narrowing → obstruction/stenosis → perforation
  - CT: asymmetric mural thickening of soft tissue density with irregular surface, usually for staging
- Differentials:
  - Diverticulitis
  - Colitis (infectious vs ischemic vs inflammatory)\
- Treatment:
  - Complete surgical resection (≥ 5 cm on each side of tumor) with removal of lymphatic drainage vessels.

