

## Supplemental Digital Content

Crohn's disease (crohn or "crohn disease" or crohns or "crohns disease" or "crohns enteritis" or "enteritis regionalis" or "granulomatous colitis" or "granulomatous enteritis" or ileocolitis or "regional enteritis" or "regional ileitides" or "regional ileitis" or "terminal ileitides" or "terminal ileitis"). AND

Indications for Surgery: abscess\* or "complication from medical therapy" or "complications from medical therapy" or fistula\* or fistulizing or "indication for operation" or "indication for surgery" or "indications for operation" or "indications for surgery" or "intolerance to medical therapy" or "intolerant to medical therapy" or "loss of response" or "medical contraindication\*" or "medical failure\*" or "medical intolerance\*" or "medical non compliance" or "medically refractory" or obstruction\* or "obstructive disease\*" or "penetrating disease\*" or phlegmon or "primary loss of response" or "refractory inflammatory disease\*" or "secondary loss of response" or stricture\* or "stricturing disease\*" adenocarcinoma\* or anaemia\* or anemia\* or bleeding or DALM or dysplasia\* or "flat lesion\*" or haemorrhaged\* or hemorrhag\* or malignanc\* or "non visible lesion\*" or "raised lesion\*" or "refractory bleeding" or "refractory haemorrhaged\*" or "refractory hemorrhaged\*" or "visible lesion\*"

Upper GI disease and stricturing disease:

("duodenal inflammation" or EGD or "endoscopic dilation" or gastritis or ileocecal or ileocolic or jejunum or "proximal intestinal" or stictureplasty\* or "terminal ileum" or "upper gastrointestinal" or "upper GI disease"

Operative Considerations:

((incision and drainage) or "anal canal disease\*" or "anal canal inflammation" or "anal stenosis\*" or colitis or "fibrin glue" or "fibrin plug" or fistulotomy\* or "LIFT procedure" or "mesenchymal stem cell\*" or perianal or proctitis or proctocolectomy\* or "restorative proctocolectomy\*" or "segmental resection\*" or seton or "subtotal colectomy\*" or "total colectomy\*").

Preoperative Considerations:

((("anti TNF" and ("postoperative outcome\*" or "postoperative complication\*")) or ("biologic therapy\*" and outcome\*) or (biologics and ("postoperative outcome\*" or "postoperative complication\*")) or (corticosteroid\* and ("postoperative outcome\*" or "postoperative complication\*")) or (vedolizumab and ("postoperative outcome\*" or "postoperative complication\*")) or albumin or "enteral formula" or "enteral nutrition" or nutrition or "nutritional optimization\*" or "nutritional status" or "operative planning" or outcome\* or "preoperative consideration\*" or "preoperative optimization\*" or "total parenteral nutrition" or "weight loss"

Operative Considerations:

prevent\* adj3 "anastomotic leak\*") or "anastomotic diversion\*" or "anastomotic leak\*" or colostomy\* or diversion\* or "diverting ileostomy\*" or "diverting ostomy\*" or "ileal pouch anal anastomosis" or ileostomy\* or "intestinal diversion\*" or "J pouch" or laparoscopy\* or "laparoscopic approach\*" or "laparoscopic resection\*" or "minimally invasive approach\*" or "minimally invasive surgery\*" or pouch or "pouch failure\*" or "pouch outcome\*" or "robotic platform\*" or "robotic resection\*" or robotics or stoma or stomas or "use of diversion\*").