

Supplementary Table 1. Final Diagnosis Among Control Subjects at 2 UPMC Hospitals

Organ	Final discharge diagnosis for control subjects (n = 401)
Esophagus (n = 7)	Gastroesophageal reflux disease, 3; esophagitis, 2; hiatus hernia, 2
Stomach (n = 16)	Gastritis, 7; cancer, 2; gastroparesis, 5; bleed, 1; ulcer, 1
Duodenum (n = 11)	Duodenitis, 2; ulcer, 3; perforation, 6
Small bowel (n = 69)	Mesenteric artery thrombosis, 2; mesenteric vein thrombosis, 2; infected mesenteric cyst, 1; obstruction, 39; stenosed gastrojejunostomy, 1; gastroenteritis, 16; ischemia, 6; hernia, 1; lymphoma, 1
Colon (n = 97)	Crohn's disease, 8; ulcerative colitis, 5; irritable bowel syndrome, 4; constipation, 15; <i>Clostridium difficile</i> colitis, 7; appendicitis, 16; diverticulitis, 14; ischemic colitis, 5; perforation, 15; ileus, 3; obstruction, 1; perirectal abscess, 1; salmonella, 1; pouchitis, 1; sinus tract, 1
Gall bladder and biliary (n = 50)	Cholecystitis, 28; biliary dyskinesia, 5; choledocholithiasis, 6; cholelithiasis, 5; ascending cholangitis, 5; papillary stenosis, 1
Pancreas (n = 3)	Pancreatic duct stone, 1; pancreatic cancer, 1; pancreatic pseudocyst, 1
Liver and spleen (n = 15)	Ascites, 7; spontaneous bacterial peritonitis, 3; hepatocellular carcinoma, 1; perisplenic abscess, 1; splenic laceration, 1; portal vein thrombosis, 1; splenic subcapsular hematoma, 1
Mesentery and retroperitoneum (n = 17)	Intra-abdominal abscess, 3; incarcerated ventral hernia, 3; peritoneal dialysis catheter peritonitis, 1; hemoperitoneum, 1; retroperitoneal abscess, 1; omental fat necrosis, 1; renal calculi, 1; ureteric calculi, 5; hydronephrosis, 1
Genitourinary (n = 20)	Pelvic inflammatory disease, 3; pyelonephritis, 4; adnexal mass, 1; uterine hematoma, 1; fibroid, 1; ovarian cyst, 4; ovarian abscess, 1; ovarian cancer, 1; prostatitis, 1; pelvic abscess, 2; bladder cancer, 1
Lungs (n = 6)	Pneumonia, 5; pulmonary embolism, 1
Heart (n = 3)	Myocardial infarction, 1; congestive heart failure, 2
Miscellaneous (n = 87)	No specific etiology determined, 63; metastasis, 6; lumbar sprain, 1; lymphocele, 1; sickle cell crisis, 1; postsurgical pain, 1; no data, 7; shoulder abscess, 1; narcotic withdrawal, 1; anxiety, 1; systemic viral syndrome, 1; abdominal aortic aneurysm, 1; descending thoracic aortic dissection, 1; dyphenhydramine toxicity, 1