

Table S1 Codes utilized in our study

Category	Variable	ICD-10-CM/CPT Codes
Exposure	Tobacco use (smoking)	F17, Z72.0
Primary diagnoses	Ulcerative colitis (UC)	K51
	Crohn's disease (CD)	K50
Outcomes	Systemic steroid use	Z79.52
	Surgical interventions (colectomy, ileostomy, enterectomy, resection)	0DBE0ZZ, 0DBF0ZZ, 0DB80ZZ, 0DB90ZZ, 0DBB0ZZ, 0D160ZA–0D1B0Z4
	Gastrointestinal bleeding	K92.0, K92.1, K92.2
	Intestinal perforation	K63.1
	Intestinal obstruction	K56.6, K56.69
	Toxic megacolon	K59.31
	Colonoscopy	CPT 45378–45398
	Fistula of small intestine	K63.2
	Perianal abscess	K61
	All-cause mortality	Captured from NIS discharge disposition variable (DISPUNIFORM = 20 for death)
Covariates	Hypertension	I10–I15
	Diabetes mellitus	E10–E14
	Congestive heart failure	I50
	Coronary artery disease	I25
	Pulmonary disease (COPD, asthma, etc.)	J44, J45
	Chronic kidney disease	N18
	Liver disease / Cirrhosis	K74
	Obesity	E66
Socioeconomic variables	Alcohol use disorder	F10
	Income quartile	Derived from NIS variable ZIPINC_QRTL (patient ZIP code-based income quartile)
	Insurance status	Derived from NIS variable PAY1 (Medicare, Medicaid, Private, Self-pay, Other)