
Supplemental Digital Content 1. International Classification of Diseases Procedure Codes Used to Define Operative Cohorts

Operative Cohort	ICD-9CM Procedure Code	Description
Colectomy	45.71	Open and other multiple segmental resection of large intestine
	45.73	Open and other RIGHT hemicolectomy
	45.74	Open and other TRANSVERSE colectomy
	45.75	Open and other LEFT hemicolectomy
	45.76	Open and other sigmoidectomy
	45.79	Other and unspecified partial excision of large intestine
	45.82	Open total intra-abdominal colectomy
	45.83	Other and unspecified total intra-abdominal colectomy
Lung Resection	32.3	Thoracoscopic segmental resection of lung
	32.39	Other and unspecified segmental resection of lung
	32.41	Thoracoscopic lobectomy
	32.49	Other lobectomy of lung
	32.5	Thoracoscopic pneumonectomy
	32.59	Other pneumonectomy
Coronary Artery Bypass Grafting	36.1	Aortocoronary bypass NOS
	36.11	Aortocoronary bypass 1-artery
	36.12	Aortocoronary bypass 2-artery
	36.13	Aortocoronary bypass 3-artery
	36.14	Aortocoronary bypass 4-artery
	36.15	1 internal mammary CABG
	36.16	2 internal mammary CABG
	36.17	Abdominal-coronary artery bypass
	36.19	Heart revasc bypass anast necrosis
