

**eTable 1.** ICD-9-CM Codes Used to Define Individual Complications

Complication	ICD-9 Code(s)
<i>Medical Group</i>	
Myocardial infarction	410.00-410.91
Acute renal failure	584
Venous thromboembolism	415.1, 451.11, 451.19, 451.2, 451.81, 453.8
Pneumonia	481, 482.0-482.9, 483, 484, 485, 507.0
Gastrointestinal bleed	530.82
	531.00-531.21, 531.40, 531.41, 531.60, 531.61
	532.00-532.2, 532.40, 532.41, 532.60, 532.61
	533.00-533.21, 533.40, 533.41, 533.60, 533.61,
	534.00-534.21, 534.40, 534.41, 534.60, 534.61,
	535.01, 535.11, 535.21, 535.31, 535.41, 535.51, 535.61
	578.9
Pulmonary failure	518.81, 518.4, 518.5, 518.8
<i>Surgical Group</i>	
Post-operative hemorrhage	998.11, 998.12
Surgical site infection	958.3, 998.3, 998.5, 998.59, 998.51