

Supplemental Information

SUPPLEMENTAL TABLE 4 Complication Classifications by System, Severity, Condition, and Diagnosis

Category	Severity	Condition	Diagnosis
Respiratory	Major	Aspiration (507, 507.0, and 997.3), postoperative pulmonary edema (518.4), pulmonary insufficiency after surgery (518.5), acute respiratory failure (518.81, 518.82, and 518.84), or tracheostomy (519.0, 519.00, 519.01, 519.02, 519.09), pulmonary embolism (415.1)	Prolonged ventilation (96.72)
	Minor	Pneumonia (519.8, 997.3, 480-487), atelectasis (518.0), other (997.39)	
Cardiac	Major	Myocardial infarction (410. × 1), cardiac arrest (427.5), or other postoperative cardiac complications (997.2)	
Infectious	Major	Septicemia or bacteremia (038, 790.7), postoperative infection (998.5)	Intraabdominal infection requiring intervention (54.19)
	Minor	Urinary tract infection (599.0, 590.9), acute pancreatitis (577.0)	
Renal Surgical	Major	Acute renal failure (584)	
	Major	Perforation or hemorrhage because of marginal ulcer (534.6), postoperative bleeding requiring transfusion, splenectomy, postoperative shock (785.5×), other major surgical complications (998.1, 998.2, and 998.3)	Reoperation for hemorrhage, anastomotic leakage, abscess, or dehiscence (54.11, 54.12, 54.19, 54.61)
	Minor	Bowel injury (no reoperation) (863), solid organ injury (no reoperation) (864.00–864.05, 864.09–864.15, 864.19, 865.00–865.04, 865.09–865.14, and 865.19), hematoma (998.12), seroma (998.13), dehydration (276.51), anastomotic stricture (560.89), SBO/ileus (560.9, 560.1), marginal ulcer without perforation or hemorrhage (K28.9), malnutrition or feeding difficulties or failure to thrive (783.0, 783.9) (V65.3)	TPN or enteral feeds (99.15)