

**Supplemental Digital Content 2.** ICD-9 codes used to identify acute abdomino-pelvic conditions.

Condition	ICD-9 code
Abdominal/pelvic pain	789.0-789.2, 789.4-789.9, 338.1
Appendicitis	540.0, 540.1, 540.9, 541, 542
Acute/subacute necrosis of liver	570
Acute viral hepatitis	070.0, 070.1
Liver abscess	572.0, 572.1
Cholangitis	576.1
Bile duct obstruction/perforation/fistula	576.2, 576.3, 576.4
Cholecystitis, obstruction, perforation of gallbladder	575.0, 575.1, 575.10, 575.12, 575.2, 575.4
Acute pancreatitis	577.0
Acute pyelonephritis	590.1
Renal/perinephric abscess	590.2, 590.8, 590.80, 590.81, 590.9
Abdominal/pelvic inflammatory disease	614.0-614.9, 615.0, 615.1, 615.9
Abdominal trauma	863, 863.0-863.9, 863.20, 863.21, 863.29, 863.30, 863.31, 863.39, 863.40-863.46, 863.49, 863.50-863.56, 863.59, 863.80-863.85, 863.89, 863.90-863.95, 863.99, 864.0, 864.1, 865.0, 865.1, 866.0, 866.1, 867.1-867.9, 868.0, 868.1, 869.0, 869.1, 922.2, 922.3
Abdominal open wounds	879.2-879.6
Bowel obstruction	560, 560.0, 560.1-560.3, 560.30-560.32, 560.39, 560.8, 560.81, 560.89, 560.9, 569.87
Shock	958.4, 785.5, 785.50, 785.52, 785.59
Vascular insufficiency of the intestine	557.0, 557.1, 557.9
Diverticulitis	562.01, 562.03, 562.11, 562.13
Peritonitis/abscess	567.0, 567.2, 567.21, 567.22, 567.23, 567.29, 567.8, 567.82, 567.89, 567.9, 569.5
Retroperitoneal infections	567.31, 567.38, 567.39
Hemoperitoneum	568.81
Gastrointestinal bleeding	578.1, 578.9, 578, 578.0
Perforation	569.83