

Supplementary Table 1 ICD-9 Codes for Postoperative Complication Identification

Category	ICD-9-CM code
Delayed gastric emptying	536.3, 536.8, 536.9, 537.0, 564.2, 564.4, 997.4, 997.49
Wound complication (infection, seroma, dehiscence, evisceration, nonhealing)	682.2, 682.8, 682.9, 686.8, 686.9, 998.5, 998.51, 998.59, 998.3, 998.30, 998.31
Pancreatic fistula/ fistula	998.6
Intra-abdominal abscess/ infection	567.0, 567.2, 567.22, 567.29, 567.38, 567.39, 567.8, 567.89, 567.9, 569.5
Hemorrhage/ hematoma/ seroma	998.1, 998.11, 998.12, 998.13, 999.2
Pneumonia/ aspiration pneumonitis	112.4, 480.8, 480.9, 481, 482, 482.1, 482.2, 482.3, 482.30, 482.31, 482.32, 482.39, 482.4, 482.40, 482.41, 482.42, 482.49, 482.8, 482.81, 482.82, 482.83, 482.89, 483, 483.8, 484.8, 485, 486, 513.0, 997.31, 997.32
Bacteremia/ septicemia/ sepsis (including septic shock)/ shock	038.0, 038.10, 038.11, 038.12, 038.19, 038.2, 038.40, 038.41, 038.42, 038.43, 038.44, 038.49, 038.8, 038.9, 790.7, 995.91, 995.92, 998.02, 785.52, 995.90, 998.0, 995.4, 999.4, 785.50, 785.51, 785.59
Other	998.9, 998.89, 998.8, 998.4, 997.99, 997.9