

Supplementary Table 1. List of International Classification of Diseases (ICD): 10 used in present study

Variable	Codes
Acute cholecystitis	K810, K8063, K8062, K8043, K8042, K8000, K8001
Cholecystectomy	0FB40ZX, 0FB40ZZ, 0FB43ZX, 0FB43ZZ, 0FB44ZX, 0FB44ZZ, 0FB48ZX, 0FB48ZZ
Endoscopic retrograde cholangiopancreatography-guided gallbladder drainage	0F9480Z, 0F948ZX, 0F948ZZ, 0F954ZX, 0F957ZX, 0F958ZX, 0F964ZX, 0F967ZX, 0F968ZX, 0F977ZX, 0F978ZX, 0F988ZX, 0F997ZX, 0F998ZX, 0F9C80Z, 0F9980Z, 0FC58ZZ, 0FC68ZZ, 0FC78ZZ, 0FR58JZ, 0FR68JZ, 0FR78JZ, 0FR88JZ, 0FR98JZ
Percutaneous cholecystostomy	0F9430Z, 0F943ZX, 0F943ZZ, 0F753DZ, 0F753ZZ, 0F763DZ, 0F763ZZ, 0F773DZ, 0F773ZZ, 0F783DZ, 0F783ZZ, 0F793DZ, 0F793ZZ, 0F993ZZ, 0F994ZZ, 0FC53ZZ, 0FC54ZZ, 0FC63ZZ, 0FC64ZZ, 0FC73ZZ, 0FC74ZZ, 0FC83ZZ, 0FC84ZZ, 0FC93ZZ
Acute hypoxic respiratory failure	J960, J9600, J9601, J9602
Acute renal failure	N170, N171, N172, N178, N179
Hypovolemia	E861, E869, E860
Shock	R571, R578
Blood transfusion	30233H1, 30243H1, 30253H1, 30263H1, 30233N1, 30233P1, 30243N1, 30243P1, 30253N1, 30253P1, 30263N1, 30263P1
Lower gastrointestinal bleeding	K5731, K5733, K5521, K6381, K625, K648, D62, k5740, K5733, K5732, K5731, K5730, K5721, K5720, K5713, K5712, K5711, K5710, K5700, K51911, K51811, K51511, K51411, K51311, K51211, K51011, K50911, K50811, K50111, K50011, K31819, K31811, K2991, K2990, K2981, K2980