

eTable 1. ICD-9 and CPT Codes Used to Define Procedures and Diagnosis

Variable	Code
ICD-9	
Procedure	
Open cholecystectomy	51.21,51.22
Laparoscopic cholecystectomy	51.23, 51.24
Choledochoenterostomy	51.36, 51.37, 51.39, 51.72, 51.79, 51.94
Simple suture of common bile duct	51.71, 51.72
Endoscopic stent insertion into bile duct	57.87
ERCP	51.10, 51.11, 51.81, 51.82, 51.84, 51.85, 51.89
Percutaneous transhepatic cholangiogram	87.51
Lobectomy of liver	50.3
Total hepatectomy	50.4
Liver transplant	50.5
Diagnosis	
Cholecystitis	574.0, 574.1, 575.0-575.4
Biliary colic	574.2, 574.5-574.7, 575.8, 789.0
CPT	
Procedure	
Open cholecystectomy	47600, 47605, 47610, 47612, 47620,
Laparoscopic cholecystectomy	47562-47564, 49310, 49311, 56340-56342