**Supplementary Table 2. ICD codes used in study**

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| **ICD Codes for acute pancreatitis** | | |
| Acute pancreatitis | 577 | ICD-9 |
| Acute pancreatitis, unspecified | K85.9 | ICD-10 |
| Acute pancreatitis without necrosis or infection, unspecified | K85.90 | ICD-10 |
| Idiopathic acute pancreatitis without necrosis or infection | K85.00 | ICD-10 |
| Biliary acute pancreatitis without necrosis or infection | K85.10 | ICD-10 |
| Acute pancreatitis with infected necrosis, unspecified | K85.92 | ICD-10 |
| Alcohol induced acute pancreatitis | K85.2 | ICD-10 |
| **ICD Codes for chronic pancreatitis** | | |
| Chronic pancreatitis | 577.1 | ICD-9 |
| Other chronic pancreatitis | K86.1 | ICD-10 |
| Alcohol-induced chronic pancreatitis | K86.0 | ICD-10 |
| **ICD Codes for microscopic colitis** | | |
| Microscopic colitis | K52.83 | ICD-10 |
| Collagenous colitis | K52.831 | ICD-10 |
| Lymphocytic colitis | K52.832 | ICD-10 |
| Other microscopic colitis | K52.838 | ICD-10 |
| **ICD codes for cystic fibrosis** | | |
| Cystic fibrosis without mention of meconium ileus | 277.0 | ICD-9 |
| Cystic fibrosis with other manifestations | 277.09 | ICD-9 |
| Cystic fibrosis, unspecified | E84.9 | ICD-10 |
| Cystic fibrosis with pulmonary manifestations | E84.0 | ICD-10 |
| **ICD codes for alcohol use disorder** | | |
| Alcohol abuse, unspecified | 305.00 | ICD-9 |
| Alcohol dependence syndrome | 303 | ICD-9 |
| Alcoholic cirrhosis of liver | 571.2 | ICD-9 |
| Alcoholic cardiomyopathy | 425.5 | ICD-9 |
| Alcohol abuse | F10.1 | ICD-10 |
| Alcohol dependence | F10.2 | ICD-10 |
| Alcohol use, unspecified with withdrawal | F10.93 | ICD-10 |
| Alcoholic cardiomyopathy | I42.6 | ICD-10 |
| Alcoholic liver disease | K70 | ICD-10 |
| Degeneration of nervous system due to alcohol | G31.2 | ICD-10 |