**Supplemental Digital Content 4.** Applied diagnostic codes in the study divided by term, sources and codes.

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| Term | Source | Code |
| Alcohol-related liver disease | National Patient Register, diagnostic codes | ICD-10: K70x |
| Liver disease of unspecified etiology | National Patient Register, diagnostic codes | ICD-10: K720, K721, K729, K730, K731, K732, K738, K739, K740, K741, K742, K746, K752, K758, K759, K760, K766, K767, K768, K769 |
| Alcohol use disorder | National Patient Register, diagnostic codes | ICD-10: E244, E512, F10x, G312, G621, G72x, I426, K852, K860, P043, Q860, R780, T51x, X45, X65, Y15, Y91x, Y90x |
| Liver cirrhosis diagnoses | National Patient Register, diagnostic codes | K702, K703, K704, K740, K741, K742, K746, K766, K767 |
| Variceal bleed | National Patient Register, diagnostic codes and procedure codes | I850, I859, I864  KJCA22, KJCA20 |
| Ascites | National Patient Register, diagnostic codes and procedure codes | R18  KTJA10 |