CNCR\_32129\_e.Supporting Information\_Table 1. ICD-9 codes and conditions.

|  |  |  |
| --- | --- | --- |
| Condition | ICD-9 Code | Diagnosis |
| Hepatitis C Virus | 070.41 | Acute hepatitis C with hepatic coma |
|  | 070.44 | Chronic hepatitis C with hepatic coma |
|  | 070.51 | Acute hepatitis C without mention of hepatic coma |
|  | 070.54 | Chronic hepatitis C without mention of hepatic coma |
|  | 070.7 | Unspecified viral hepatitis C |
|  | 070.70 | Unspecified viral hepatitis C without hepatic coma |
|  | 070.71 | Unspecified viral hepatitis C with hepatic coma |
|  | V02.62 | Hepatitis C carrier |
|  |  |  |
| Hepatitis B Virus | 070.22 | Chronic viral hepatitis B with hepatic coma without hepatitis delta |
|  | 070.23 | Chronic viral hepatitis B with hepatic coma with hepatitis delta |
|  | 070.32 | Chronic viral hepatitis B without mention of hepatic coma without hepatitis delta |
|  | 070.33 | Chronic viral hepatitis B without mention of hepatic coma with hepatitis delta |
|  | 070.42 | Hepatitis delta without mention of active hepatitis B disease with hepatic coma |
|  | 070.52 | Hepatitis delta without mention of active hepatitis B disease or hepatic coma |
|  | V02.61 | Hepatitis B carrier |
|  |  |  |
| Diabetes Mellitus | 250.0 | Diabetes mellitus without mention of complication |
|  | 250.1 | Diabetes with ketoacidosis |
|  | 250.2 | Diabetes with hyperosmolarity |
|  | 250.3 | Diabetes with other coma |
|  | 250.4 | Diabetes with renal manifestations |
|  | 250.5 | Diabetes with ophthalmic manifestations |
|  | 250.6 | Diabetes with neurological manifestations |
|  | 250.7 | Diabetes with peripheral circulatory disorders |
|  | 250.8 | Diabetes with other specified manifestations |
|  | 250.9 | Diabetes with unspecified complication |
|  |  |  |
| Alcohol-related Liver Disorders | 571.0 | Alcoholic fatty liver |
|  | 571.1 | Acute alcohol hepatitis |
|  | 571.2 | Alcoholic cirrhosis of liver |
|  | 571.3 | Alcoholic liver damage, unspecified |
|  | V11.3 | Personal history of alcoholism |
|  | 571.6 in the presence of 291, 303 or 305.0 | Biliary cirrhosis in the presence of alcohol-induced mental disorders, alcohol dependence syndrome or nondependent alcohol abuse. |
|  |  |  |
| Rare genetic disorders | 270.2 | Other disturbances of aromatic amino-acid metabolism (tyrosinemia) |
|  | 273.4 | Alpha-1-antitrypsin deficiency |
|  | 275.0 | Disorders of iron metabolism (hemochromatosis) |
|  | 275.1 | Disorders of copper metabolism (Wilson disease) |
|  | 277.1 | Disorders of porphyrin metabolism (porphyrias) |

CNCR\_32129\_e.Supporting Information\_Figure 1. Hepatocellular carcinoma cases in the full SEER population by year and age group.



CNCR\_32129\_e.Supporting Information\_Figure 2. Comparison of age-standardized HCC incidence rates and annual percent changes in rates between SEER-Medicare and the full SEER population.

