

Supplementary Table 3. Operational definitions

Health state	Operational definition (diagnosis/procedure codes used) ¹⁶⁻¹⁸
F0–F3 (chronic hepatitis C)	Patients having claim record with the diagnosis code of B18.2 between 2014–2017; and, <ul style="list-style-type: none"> - having no record of prescribed antiviral agents between 2014–2017
F4 (cirrhosis)	Patients having claim record with the diagnosis code of K74, K74.0, K74.1, K74.2, K74.6; and, <ul style="list-style-type: none"> - having no record of prescribed antiviral agents between 2014–2017 - having no record of hospitalization between 2014–2017
Liver transplantation	Patients having claim record with the diagnosis code of Z94.4,T86.4; and, <ul style="list-style-type: none"> - having record of procedure code of Q8040, Q8041, Q8042, Q8043, Q8044, Q8045, Q8046, Q8047, Q8048, Q8049, Q8050 - between the date of record including the procedure code and 365 days later
Post-liver transplantation	Patients having claim record with diagnosis code of Z94.4,T86.4; and, <ul style="list-style-type: none"> - having record of procedure code of Q8040, Q8041, Q8042, Q8043, Q8044, Q8045, Q8046, Q8047, Q8048, Q8049, Q8050 - between 366 days after the record including the procedure code and 730 days later