Table S2. Diagnostic and procedure codes used to identify HCV-related diagnosis and comorbidities from datasets held at ICES

Condition	Dataset	ICD-9	ICD-10	Procedure Code	Intervention Code	OHIP Fee Code	OCR	Death Registry Code for Liver-related death
Cirrhosis	**DAD** **SDS** **NACRS**	4561 5712 5715	I859 I982 K703 K746 K717	-	-	-	-	-
	OHIP	-	-	-	-	571	-	-
Decompensated Cirrhosis	**DAD** **SDS** **NACRS**	4560 4562 5722 5723 5724 7824 7895	I850 I9820 I983 I864 K766 K767 K721 K729 R17 R18	1006 6691	1NA13BAFA 1NA13BAX7 1NA13BABD 1KQ76GPNR 1OT52HA	-	-	-
	OHIP	-	-	-	-	J057 Z591 571*	-	-
	ORDG	-	-	-	-	-	-	**Main cause of death**: 5715, 5712, 5722, 5723, 5724, 5728, 4560 **Other cause of Death:** K721, K729, K703, K704, K717, K74, K746, K766, K767, I85X, I982X, I983, I864
Hepatocellular carcinoma	**DAD** **SDS** **NACRS**	155	C229 C220 81703 81803	-	-	-	-	-
	ORGD	-	-	-	-	-	-	**Main cause of death:** 1550 **Other cause of Death:** 81703, 81803
	OCR	-	-	-	-	-	**Morphology:** 81703, 81723, 81733 81743, 81753, 81803 **Topology:** C220	**Morphology:** 81803 or 81703,
Liver transplant	**DAD** **SDS** **NACRS**	V427 99682	Z944 T8640 T8641 T8642 T8643 T8649 T869	624x	10A85LAXXK 10A85VCXXK 10A85WLXXI 10A85WLXXK	-	-	-
	OHIP	-	-	-	-	S265 S266 Z591 Z274 S294 S295	-	-

HIV	**DAD** **SDS** **NACRS**	042 043 044	B20 B21 B22 B23 B24	-	-	-	-	-
Substance use disorder (related to drugs and alcohol use)	**DAD** **SDS** **NACRS**	V113 V6542 291 292 303 304 3050 3052 3053 3054 3055 3056 357 3057 3058 3059 4255 5353 5710 5711 5712 5713 5771 6483 7903 980 965 967 968 969 E8500 E8501 E8502 E860 E9351	1426 F10 F11 F12 F13 F14 F16 F18 F19 G621 R780 R781 R782 R783 R784 R785 K70 K292 K860 T40 X65 Y91 Y573 Y919 Z502 Z503 Z714 Z715 Z721 Z864	-	-	303 304	-	-
	OMHRS	**DSM-4/5:** 291, 2920 2929, 303, 3040, 3041, 3042, 30423, 3044, 3045, 3046, 3048, 3050, 3052, 3053, 3054, 3055, 3056, 3057, 3059, 29211, 29212, 29281, 29283, 29284, 29289						

Cirrhosis was defined as a single inpatient cirrhosis code listed above. *Decompensated cirrhosis is defined as having cirrhosis using outpatient cirrhosis code (OHIP:571) and at least one inpatient diagnostic code, procedure code or death code associated with decompensated cirrhosis listed above. HCC was defined as either a diagnosis in the Ontario Cancer Registry or inpatient diagnostic code or death code associated hepatocellular carcinoma as listed above. DAD dataset holds diagnostic and procedural data from inpatient hospital admissions. NACRS dataset holds data on diagnostic and procedural information from ambulatory care and emergency department visits. OHIP dataset holds data on claims made by physicians for universally insured services. OCR is the Ontario Cancer Registry and holds information on all Ontario residents with a cancer diagnosis including diagnosis date and details on the type of cancer. The ORGD dataset holds data on the date and cause of death of Ontario residents. The OMHR dataset holds information on individuals receiving adult mental health services in Ontario, and admissions to mental health–designated hospital beds. *Abbreviations: ICD-9: International Classification of Diseases, 9th revision, ICD-10: International Classification of Diseases, 10th revision; NACRS: National Ambulatory Care Reporting System, OHIP: Ontario Health Insurance Program, DAD: Discharge Abstract Database; OCR: Ontario Cancer Registry; ORGD: Office of the Registrar General- Deaths; OMHRS: Ontario Mental Health Reporting System.*