**Transplant Recip**

Age at transplant: REC\_AGE\_AT\_TX

Sex: CAN\_GENDER

BMI: REC\_BMI

BMI change: CAN\_BMI to REC\_BMI

Race: CAN\_RACE

MELD at Activation: CAN\_INIT\_ACT\_STAT\_CD; MELD 6206-6240 then -6200; else as missing

MELD at Transplant: CAN\_LAST\_STAT; MELD 6206-6240 then -6200; else as missing

MELD-Na at Transplant Need explanation of the calculation equation, wait for equation

MELD = 9.57 ln [Creatinine (mg/dL)] + 3.78 ln [Bilirubin (mg/dL)] + 11.20 ln [International Normalized Ratio(INR)] + 6.43, Round to integer

MELD-Na = MELD – Na – [0.025 × MELD × (140 – Na)] + 140 (where the serum Na concentration is bound between 125 and 140 mmol/L)

Any Na<125 change to 125, Any Na > 140 change to 140

MELD Exception: STATHIST\_LIIN dataset, CANHX\_EXC\_SCORE

Functional status: REC\_FUNCTN\_STAT

Karnofsky only 2010, 2020, 2030, 2040, 2050, 2060, 2070, 2080, 2090, 2100

Blood group: CAN\_ABO

Days on waitlist prior to transplant: REC\_TX\_DT - CAN\_ACTIVATE\_DT

Status at transplant:

CAN\_LAST\_STAT: 6010, 6011, as 1;

CAN\_MED\_COND

Preoperative conditions: Unknown as missing

SBP: REC\_BACTERIA\_PERIT

PVT: REC\_PORTAL\_VEIN

Dialysis: CAN\_LAST\_DIAL\_PRIOR\_WEEK

TIPS: REC\_TIPSS

Type of Graft:

REC\_TX\_PROCEDURE\_TY: 605, 606, 701, 702, 703 \* DON\_TY

Only use whole liver, deceased and partial liver, living category

Diagnosis: REC\_DGN

Chronic Cholestatic: 4220, 4230, 4231, 4235, 4240, 4241, 4242, 4245, 4255, 4260, 4264, 4265, 4270, 4271, 4272, 4275

Hepatocellular: 4200, 4201, 4202, 4204, 4205, 4206, 4207, 4208, 4209, 4210, 4212, 4213, 4214, 4215, 4216, 4280, 4285, 4290, 4592, 4593

Metabolic: 4300, 4301, 4302, 4303, 4304, 4305, 4306, 4307, 4308, 4315, 4500

Malignancy: 4400, 4401, 4402, 4403, 4404, 4405, 4410, 4420, 4430, 4450, 4451, 4455

Acute failure: 4100, 4101, 4102, 4104, 4105, 4106, 4107, 4108, 4110, 4217

Other: any code other than above and not missing

Graft cold ischemic time: REC\_COLD\_ISCH\_TM: only include 1-24 hours

Graft warm ischemic time: REC\_WARM\_ISCH\_TM: only include 10-180 minutes

Total hospital LOS post-op: rec\_POSTX\_LOS: 0-2 years

**Patients Removed from WL:**

Variable to indicate removed from WL: CAN\_REM\_CD

Only include categories 5, 6, 7, 8, 9, 12, 13, 21, 23

Age: age at listing: CAN\_AGE\_AT\_LISTING

Gender: CAN\_GENDER

MELD at listing: CAN\_INIT\_ACT\_STAT\_CD; MELD 6206-6240 then -6200; else as missing

Blood group: CAN\_ABO

Medical Condition: CAN\_MED\_COND

Diagnosis: CAN\_DRG ON HOLD, same categorization as recip

Functional status: CAN\_FUNCTN\_STAT, same categorization as recip

Time on waiting list: CAN\_LAST\_ACT\_STAT\_DT – CAN\_LISTING\_DT

Reason for delisting: CAN\_REM\_CD

Only include categories 5, 6, 7, 8, 9, 12, 13, 21, 23

Death after delisting: CAN\_LAST\_ACT\_STAT\_DT, PERS\_SSA\_DEATH\_DT