



Liver Deceased Donor Criteria

Provincial Liver/Small Bowel Working Group

DONOR EXCLUSION CRITERIA:

Absolute Donor Exclusion Criteria for Liver Transplantation		
#	Factor	Criteria
1	Age	<ul style="list-style-type: none"> • DCD (<i>see next page – Transplant Hospital Specific Liver Donor Exclusion/Criteria</i>)
2	Infections	<ul style="list-style-type: none"> • Positive HIV, HbsAg, HTLV-I/II test results • West Nile Virus (WNV PCR) • Rabies diagnosis or within the last 6 months bitten by an animal proven to have rabies • Endocarditis with proven emboli to liver • Active encephalitis or meningitis of unknown etiology • Active disseminated tuberculosis • Viral Hemorrhagic Fever including Ebola or known exposure to person with Ebola •
3	Liver specific conditions	<ul style="list-style-type: none"> • Bilirubin > 100 without hemolysis • Donor death due to fulminant liver failure • Cirrhosis with portal hypertension at laparotomy or on imaging
4	Malignancy	<ul style="list-style-type: none"> • Current untreated solid organ cancer • Current high grade (Grade IV) brain tumor • Present or past history of melanoma • All other active cancers (donors receiving chemotherapy or radiation therapy or palliative cancer care within the last 5 years)

Absolute Donor Exclusion Criteria for Liver Transplantation - Paediatric		
#	Factor	Criteria
1	Age	<ul style="list-style-type: none"> • Infants <36 weeks gestational age • > 65 years
2	DCD	<ul style="list-style-type: none"> • DCD ≤ 1 month <ul style="list-style-type: none"> ➢ <u>NOTE:</u> Willing to accept DCD > 1 month and < 6 months with the following criteria: <ul style="list-style-type: none"> • Donor weight > 5kg • Recipient status in one of the following: <ul style="list-style-type: none"> ○ 4F ○ 3F ○ SMC > 38 ○ Recipient has Ornithine transcarbamylase (OTC) deficiency ○ Recipient has Carbamoyl phosphate synthetase I (CPS1) deficiency

Relative Donor Exclusion Criteria for Liver Transplantation		
#	Factor	Criteria
1	Malignancy	<ul style="list-style-type: none"> Prostate Cancers may proceed under ExD if: <ul style="list-style-type: none"> No evidence of metastases Gleason 6 PSA under 10 under active surveillance If Gleason 7 or less and current PSA less than 2 treated by rad If Gleason 7 and PSA undetectable after prostatectomy Avoid Gleason 8 or greater and all PSA over 20. PSAs between 10-20 are controversial and should be discussed with a urologist. Past history of breast cancer
2	Infections	<ul style="list-style-type: none"> Documented fungal sepsis Severe untreated sepsis or sepsis with undermined etiology Sepsis due to multi-drug resistant organism such as MRSA or CRE Bowel perforation Donors currently positive for COVID 19 should only be considered after consultation with TSP-ID
3	Vaccine-Induced Thrombotic Thrombocytopenia (VITT)	<ul style="list-style-type: none"> Consult TSP-ID and CMO Transplant prior to proceeding if potential donor has a suspected diagnosis of vaccine-Induced thrombotic thrombocytopenia (VITT)

Transplant Hospital Specific Liver Donor Exclusions/Criteria

These transplant programs have established the following absolute exclusions for offers of exceptional distribution.

Transplant Hospital Specific Liver Donor Exclusions/Criteria	
Site	Criteria
Toronto General Hospital	<ul style="list-style-type: none"> DCD > 75 years of age <p><u>NOTE:</u> Willing to accept DCD ≥ 65 and ≤ 75 years with the following criteria:</p> <ul style="list-style-type: none"> BMI < 40 Bilirubin < 30
London Health Sciences Centre	<ul style="list-style-type: none"> DCD > 50 years of age MAiD > 65 years of age <p><u>NOTE:</u> For LHSC-University and Victoria Hospital donors only</p> <ul style="list-style-type: none"> DCD > 75 MAiD > 75
The Hospital for Sick Children	<ul style="list-style-type: none"> <i>See Absolute Donor Exclusion Criteria for Liver Transplantation - Paediatric</i>

QUALITY ASSURANCE:

The Provincial Liver/Small Bowel Working Group will review and approve the Liver Deceased Donor Criteria annually as a means of quality assurance.