

Type	Canadian Transplant Registry
Program	Inter-provincial Sharing: Kidney, Highly Sensitized Patient
Policy Title	Recipient Eligibility Criteria

Policy Number	CTR.50.001
Version (Date)	V1.4 (2020-12-17)
Policy Sponsor	Kidney Transplant Advisory Committee (KTAC)
Committee Review	Kidney Transplant Advisory Committee (TBD), National HLA Advisory Committee (TBD), Donation and Transplantation Administrators Advisory Committee (TBD), Organ Donation and Transplantation Expert Advisory Committee (TBD)
Committee Endorsement	Kidney Transplant Advisory Committee (TBD), National HLA Advisory Committee (TBD), Donation and Transplantation Administrators Advisory Committee (2021-03-22), Organ Donation and Transplantation Expert Advisory Committee (TBD)
Provincial/Territorial Sign-Off	<'Complete' or 'Incomplete'> (See Appendix A)
Effective Date	<Date policy comes into effect>

KIDNEY RECIPIENT ELIGIBILITY CRITERIA: A CLINICAL GUIDELINE

Purpose

The Canadian Transplant Registry (CTR) identifies transplant opportunities for patients who are waiting for a kidney transplant and who are pediatric or highly sensitized to Human Leukocyte Antigens (HLA). This document describes the recipient eligibility requirements for participating in interprovincial kidney sharing.

1.0 Recipient Eligibility Criteria

In order for the recipient to be registered into interprovincial kidney sharing, the following criteria must be met:

- 1.1 A patient is considered pediatric up until their 19th birthday. A patient becomes an adult, for the sake of this program, on their 19th birthday.
- 1.2 The recipient must be undergoing regularly scheduled hemodialysis or peritoneal dialysis.

- 1.2.1 Pediatric patients may be listed if their eGFR is <15 ml/min/1.73m², using revised bedside Schwartz, two consecutive measurements at least 2 months apart.
 - 1.2.1.1 This eligibility must be renewed every 3 months
 - 1.2.1.2 Pediatric patients are ineligible pre-emptively if they have an approved compatible living kidney donor
- 1.2.2 Adult patients may be listed pre-emptively if their cumulative cPRA is 99.5% or higher. Their eGFR must be lower than 10 ml/min/1.73m² or equal or higher than 10 ml/min/1.73m² with symptoms.
- 1.3 The recipient must be wait- listed for a kidney transplant in a Canadian transplant centre.
- 1.4 The recipient must have a calculated panel reactive antibody (cPRA) value of equal to or greater than 94.5% or must be a pediatric patient looking for a Class II 0/6 mismatch offer.

Note: The Kidney Transplant Advisory Committee will review the appropriateness of the cPRA cut-off on an annual basis and it may be adjusted if necessary, based on the review findings.
- 1.5 There is no minimum or maximum age eligibility criterion.

2.0 Citizenship and Residency Requirements

In addition to 1.0 Recipient Eligibility Criteria, the recipient must be:

- 2.1 A Canadian citizen or permanent resident who is eligible under a provincial, territorial or federal health insurance program;
- 2.2 A foreign citizen who is covered under a provincial, territorial, or federal health insurance program while residing in Canada (e.g. Temporary Foreign Workers, Refugees, Foreign Diplomats, International Students);
- 2.3 A foreign citizen who is legally residing in Canada and has private insurance coverage (e.g. tourist in an emergency situation, International Students, Foreign Diplomats)
 - 2.3.1 Such cases would be at the discretion of the local program, and handled on a case-by-case basis

3.0 Participation in International Registries

- 3.1 Canadian citizens and permanent residents who have received approval by their respective provincial or territorial government for out-of-country health services specific to participating in an International registry, are also eligible to be registered in the CTR.

- 3.1.1 The international registry listing should be noted in the individual's record. If the individual is identified for transplant through a foreign registry, they must be immediately inactivated in the CTR.

Version History		
Version	Date	Comments / Changes
V1.4	2020-12-17	Revision to address inclusion of paediatric recipients in interprovincial kidney sharing and change to 1 decimal place for cPRA
V1.3	2014-05-23	1.4 “The recipient must be at least 6 years of age. There is no maximum age eligibility criterion” changed to “There is no minimum or maximum age criterion”
V1.2	2013-04-01	Minor edits
V1.1	2012-10-09	Minor edits & formatting
V1.0	2012-06	Presented to ODTEAC
V1.0	2012-03-30	Original version

References
<p>NKRAC Meeting Minutes, 2010-10-7,8 (LDPE Eligibility review)</p> <p>NKRAC Meeting Minutes, 2011-10-14</p> <p>NKRAC Meeting Minutes 2012-04-13</p> <p>ODTEAC June 2012 Minutes</p> <p>ODTEAC January 2013 Minutes</p> <p>Canadian Highly Sensitized Patient and Living Donor Paired Exchange Registries: Task Force Discussion Document (October 2005)</p> <p>Assessment and Management of Immunologic Risk in Transplantation. A Canadian Council for Donation and Transplantation Consensus Forum Report and Recommendations (January 2005)</p> <p>Kidney Allocation in Canada: A Canadian Forum Report and Recommendations (February 2007)</p> <p>KTAC 2019 F2F RoDD and HLA F2F</p>