

<b>Type</b>	<b>Canadian Transplant Registry</b>
<b>Program</b>	<b>Inter-provincial Sharing: Heart</b>
<b>Policy Title</b>	<b>Recipient Eligibility</b>

<b>Policy Number</b>	CTR.10.001
<b>Version (Date)</b>	v2.0 (2020-11-25)
<b>Policy Sponsor</b>	Heart Transplant Advisory Committee (HTAC)
<b>Committee Review</b>	CCTN (2016-10-21), NHLAAC (2017-04-20), DTAAC (2017-08-25), ODTEAC (2017-08-25)
<b>Committee Endorsement</b>	NHLAAC (2017-04-21), DTAAC (2017-10-18), ODTEAC (2017-08-25), CCTN (2017-10-20)
<b>Provincial/Territorial Sign-Off</b>	See Appendix A
<b>Effective Date</b>	2018-02-06

## **Purpose**

The Canadian Transplant Registry (CTR) identifies transplant opportunities across Canada for heart transplant candidates who are highly sensitized to Human Leukocyte Antigens (HLA) and/or designated as medically urgent (i.e., designated as medical status 4<sup>1</sup>). This policy describes the eligibility requirements for potential transplant recipients to participate in the *Inter-provincial Sharing: Heart* program.

## **Policy 1. General Requirements**

1.1 To be listed in the *Inter-provincial Sharing: Heart* program in the CTR, potential recipients must meet the following criteria:

- 1.1.1 The recipient must be wait-listed for a heart transplant or a multi-organ transplant including a heart, in a Canadian transplant centre.

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<sup>1</sup> As defined by the Canadian Cardiac Transplant Network (CCTN)

1.1.2 Single antigen bead testing for class I and II anti-HLA antibodies

1.1.2.1 Single antigen bead testing for class I and II anti-HLA antibodies is not required to be completed prior to listing for paediatric recipients.

1.1.3 The recipient must have a calculated panel reactive antibody (cPRA) value of greater than or equal to 80% OR be designated as medically urgent (Status 4<sup>1</sup>).

## **2. Citizenship and Residency Requirements**

2.1 In addition to meeting the General Requirements in section 1, potential recipients must meet one of the following requirements:

2.1.1 A Canadian citizen or permanent resident who is eligible under a provincial, territorial or federal health insurance program.;

2.1.2 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);

2.1.3 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)

2.1.3.1 Such cases would be at the discretion of the local program, and handled on a case-by-case basis

2.2 Out-of-country, foreign nationals are not eligible to participate in the *Inter-provincial Sharing: Heart* program.

2.2.1 Exceptions can be brought forward to HTAC and DTAAC by transplant program representatives and will be assessed on a case-by-case basis.

## **3. 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 to participate in a foreign heart transplantation registry are eligible to be simultaneously listed in the *Inter-provincial Sharing: Heart* program in the CTR.

3.1.1 The international registry listing should be noted in the potential recipient's record in the CTR.

- 3.1.2 If selected to receive a transplant through a foreign transplant registry, the potential recipient's record in the CTR must be immediately updated to reflect this information.

#### **4. Review**

This policy is reviewed at the discretion of the Heart Transplant Advisory Committee (HTAC), Donation and Transplantation Administrators Advisory Committee (DTAAC) and the Organ Donation and Transplantation Expert Advisory Committee (ODTEAC).

<b>References</b>
Cardiac Transplantation: Eligibility and Listing Criteria in Canada (2012)

<b>Version History</b>		
<b>Version</b>	<b>Date</b>	<b>Comments /Changes</b>
v1.0	2018-02-06	Original Version
v2.0	2020-08-14	Per discussion at HTAC on 2020-03-10 the requirement of single antigen bead testing on class I and II has been added

**Appendix A – Provincial/Territorial Approvals**

Version	Jurisdiction	Clinical Authority			Administrative Authority		
		Name	Title	Date	Name	Title	Date
v1.0	British Columbia	Dr. David Landsberg	Provincial Medical Director	2017-11-24	Edward Ferre	Provincial Operations Director	2017-11-24
v1.0	Edmonton	Dr. Norman Kneteman	Zone Clinical Section Chief Transplant	2017-11-07	Deanna Paulson	Director Transplant	2017-10-30
v1.0	Calgary	Dr. Serdar Yilmaz	Medical Director	2017-12-21	Carol Easton	Executive Director	2017-12-21
v1.0	Saskatchewan	Dr. Ahmed Shoker	Medical Director	2017-11-19	Carol Brown	Director	2017-11-07
v1.0	Manitoba	Dr. Peter Nickerson	Medical Director (TM-GLP)	2017-10-25	Kim Werestruik	Manager of Patient Care	2017-10-25
v1.0	Ontario	Dr. Jeff Zaltzman	CMO TGLN	2017-11-27	Ronnie Gavsie	CEO TGLN	2017-11-27
v1.0	Québec	Dr. Prosanto Chaudhury	Medical Director – Transplantation	2018-02-05	Louis Beaulieu	General Director – Transplant Quebec	2018-02-06
v1.0	New Brunswick	Dr. Robert Adams	Medical Director NBOTP	2017-11-10	Mary Gatien	Director NBOTP	2017-11-10

v1.0	Nova Scotia	Dr. Mirosław Rajda	Medical Director	2017-12-06	Brian Butt	Director	2017-12-11
v1.0	Newfoundland	Dr. Sean Connors	Clinical Chief, Cardiac Care	2017-12-12	Cathy Burke	Regional Director of Cardiac Critical Care Program	2017-12-14