

Canadian Transplant Registry

Version Changes

2025-02-03 – Release Notes 5.6.11 (5.6.11.0)

This document contains all version changes from 5.6.10.1 to 5.6.11.0.

Public (P)

Table of contents

Canadian Transplant Registry	3
Overview	3
Recap of CTR Version 5.6.10.1 Changes (Implemented 2024-12-04)	5
Summary of CTR Version 5.6.11.0 Changes	6
Application Update – Kidney Paired Donation	7
Match Filter Criteria - Update Maximum Donor Age Ranges	7
Application Update – General Improvements and Fixes	8
IPOS Kidney - Paediatric eligible patient without Dialysis details causes Null exception when displaying allocation results	8
Donor Participation Audit Exception when running MR Pool of Participants Data Changes Report	9
Error when Linking Patient Records	10
Slowness in National Organ Waitlist when filtering with Numeric Filters	11
National Organ Waitlist: Timezone selection feature is not correctly updating all dates to the selected time zone	12
Unable to upload attachments - DWL / KPD Consent	13
CTR Version 5.6.11.0 Known Issues	14
CTR Version 5.7 (2025)	14
Customer Support	14

Canadian Transplant Registry

Overview

Canadian Blood Services works with the Organ and Tissue Donation and Transplantation (OTDT) community across the country to facilitate interprovincial organ sharing and to improve national system performance through the development of leading practices, professional education, public awareness, and data analysis and reporting.



The Canadian Transplant Registry (CTR) is an innovative technology that generates value in terms of quality, safety and efficiency through its capabilities for supporting all donors, candidate listing, offer management, allocation and pre- and post-transplant data. CTR is a national web-based computer program that supports Canada's national programs (such as Kidney Paired Donation, Highly Sensitized Patients, and National Organ Waitlist), and is used for linking the national recipient waitlist with actual organ donors. CTR provides timely access to high quality organ donation and transplantation information for patient care, system management, and accountability.

CTR features:

- Advanced capabilities for allocating living and deceased donor organs and for generating the important data needed to improve transplant system performance
- Improved access to transplants for highly sensitized patients
- Increased effectiveness and efficiency of national organ sharing programs for living donors and for patients who are critically ill
- State of the art, high quality human leukocyte antigen typing and antibody analysis, that is the most comprehensive of any matching system in the world – leading to more successful transplantation and less rejection
- Real-time information sharing and file uploads to facilitate the decision-making process and create efficiency by eliminating faxes and phone calls
- Can be used on any device – computer, tablet, even mobile phone
- With more than 400 users from coast to coast, CTR currently supports Canada's national programs – Kidney Paired Donation, Highly Sensitized Patients and National Organ Waitlist



Use of this Change Document



These release notes assume that the user has valid access to CTR to perform the required functions of their role. To receive the proper level of access, a request may be made through Customer Support.

CTR currently has 14 User Acceptance Testing (UAT) environments available in addition to the main CTR Production environment. For information regarding these environments, please consult our [Canadian Transplant Registry Release Preparation Board](#) (Formerly referred to as the CTR Status Page). Information about these environments, relevant links, as well as the Canadian Transplant Registry Integration Guide and other documents may be found there.

Change Document Format

The release notes / list of changes contained in this document will be broken down into key sections:

- A recap or link to the changes introduced in the previous release to the production environment
- New changes contained broken down by Fixes, Improvements, and New Features
- A high-level plan of changes to come in the following release

The format for each change introduced will be outlined as follows:

Release Version ¹	Reference ²	Category ³
5.2	CTR11-8752	Feature
Feature Title ⁴		
Enhancement to the Domino Chain - End Offer Recipient Assignment		

5	Interface	Web Browser Interface
	Web Service Endpoint	N/A
	Web Service Method	N/A
	Program ⁶	Kidney Paired Donation
	Patient ⁷	All
	Section ⁸	Match Run / Offer Management

Description: ⁹

Functionality available to a Kidney Paired Donation (KPD) Program Administrator, which allows them the ability to identify potential recipient candidates from the Deceased Waitlist Program, based on a KPD donor.

This functionality is extended to allow finding and assigning potential recipients to the end-offer in a domino chain.

Legend

1. Version of CTR in which the change has been applied.
2. Internal CTR reference number. May be used when communicating with CTR regarding the change.
3. Type of change introduced, broken into three categories: Fixes, Improvements, and (New) Features.
4. For new features, a short description of the change.
5. The area that is affected by the change. Web Browser Interface (UI), or Web Services / API. For Web Service changes, the affected endpoints and methods will also be outlined.
6. The CTR program being updated.
7. The patient in CTR affected by the change – Donor, Recipient, or All.
8. The section in CTR affected by the change.
9. A plain language description of the change. This area may also contain references to other internal CTR IDs that are associated with the change. Where applicable, screenshots or diagrams of the updates may be included to support the description.

Previous Production Updates

Recap of CTR Version 5.6.10.1 Changes (Implemented 2024-12-04)

New IPOS Kidney functionality was enabled with the release of CTR v5.6.10.1. Full documentation of these updates may be found on the [Canadian Transplant Registry Release Preparation Board](#) (Formerly referred to as the CTR Status Page) under the “IPOS Kidney Documents” tab.

IPOS Kidney One Decimal Precision

- With the introduction of cPRA one decimal precision for the IPOS Kidney program, Webservice Users will have the option of having a rounded (half up) integer value or a one decimal precision value returned to them. The value being returned will not impact patient ranking as that work is completed within CTR.

National Organ Waitlist

- Sub-categories have been added for each organ. This change removes the need to change filters on the default National Waitlist to view specific and non-urgent medical statuses.

Deceased Donation

- A filter is automatically applied to the Entry Date field. This change reduces the time to load the Deceased Donors list.

Deceased Waitlist

- Cross Clamp Date / Time updates are now visible on the Donor Recovery tab

General Improvements and Fixes

- Broadcast Messages - The login screen will now support the ability to display informational messages
- Recently Visited Records - If applicable to the user’s activities, this section will include a list of recently visited donor and/or recipient records. The list is currently limited to 5 recently visited unique records.
- Drag and Drop File Upload - In any area of the application, where a file may be uploaded / attached, a user may drag a file onto the section.
- Fix of Recipient List Filters - Columns corrected to apply Height and Weight filter criteria
- Allocation Tab Filters - A new button, labelled Local, was added to each of the organ tab to filter patients to the same ODO as the donor
- Fix of Patient and Offer List Filters - Default filtering for grids accessed from the side menu has been corrected

Unexpected Result Fix

- DWL Waitlist / DWL No Longer Urgent Notifications
- When an urgent status Heart patient is updated to a state of transplanted, the DWL No Longer Urgent notification will be distributed as expected.

Upcoming Production Updates

Summary of CTR Version 5.6.11.0 Changes

Content updates (No impact to webservice partners):

1. KPD Program – Match Filter Criteria updates
 - a. For the KPD Program, in recipient records under the 'MATCH FILTER CRITERIA' drop-down options in the 'Maximum Donor Age' have been expanded to include "70" and "75".
2. DWL / KPD Consent
 - a. Fix – An update to correct an issue with uploading of attachments
3. IPOS Kidney
 - a. Fix – Corrected an issue with paediatric eligible patients without Dialysis details showing a null exception when displaying allocation results
4. KPD Program
 - a. Fix – Corrected an issue with users unable to reassign Unconsented Recipient in Offer
5. General
 - a. Fix – An error encountered when Linking Patient Records has been corrected
6. National Organ Waitlist
 - a. Fix – Improved response time in NOW filtering by using numeric filters
 - b. Fix – Time zone select feature - List Date and MS Change Date display corrected

CTR Version 5.6.11.0 Release Candidate

Application Update – Kidney Paired Donation

Release Version	Reference	Category
5.6.11	CTR11-10103	Application Update
Title		
Match Filter Criteria - Update Maximum Donor Age Ranges		

Interface	Web Browser Interface
Web Service Endpoint	N/A
Web Service Method	N/A
Program	Kidney Paired Donation
Patient	Recipient
Section	Organ Request / Match Filter Criteria

Description:

Match Filter Criteria options in the **Maximum Donor Age** field have been updated to include 70 and 75.

The image shows two parts of a web form. On the left is a section titled "MATCH FILTER CRITERIA" containing several fields:

- * Maximum Donor BMI: Please Select
- * Maximum Donor Age: Please Select
- * Accept Donor BSA-adjusted GFR: Please Select
- * Accept EBV Positive Donor: Yes No
- * Accept CMV Positive Donor: Yes No
- * Accept Hepatitis B Core Antibody Positive Donor: Yes No
- * Accept Hypertensive Donor: Yes No
- * Accept Albuminuric Donor: Yes No

On the right is a close-up of the "Maximum Donor Age" dropdown menu. The menu is open, showing a list of age options: 35, 40, 45, 50, 55, 60, 65, 70, 75, and No Restriction. The option "70" is currently selected and highlighted in blue. A mouse cursor is visible over the top right corner of the dropdown menu.

Application Update – General Improvements and Fixes

Release Version	Reference	Category
5.6.11	CTR11-10106	Unexpected Result
Title		
IPOS Kidney - Paediatric eligible patient without Dialysis details causes Null exception when displaying allocation results		

Interface	Web Browser Interface
Web Service Endpoint	All
Web Service Method	runHSPMatchOnDonor
Program	Deceased Donation
Patient	Donor
Section	Kidney Allocation

Description:

Corrected an error which occurred when processing kidney allocation results to paediatric patients in one very specific and rare scenario when all the following conditions were true:

- The patient is paediatric
- The patient does not have any Kidney Health information entered
- The patient matches with the donor in a Kidney allocation

KIDNEY HEALTH

* Has Recipient Previously Donated a Kidney?:
Note: Being a previous kidney donor can increase a recipient's chance for an offer.

Yes No

* Patient on Dialysis:
 Yes No

Patient is Pre-Emptive:
 Yes No

Biopsy Proven ESRD:
 Yes No

Release Version	Reference	Category
5.6.11	CTR11-10107	Unexpected Result
Title		
Donor Participation Audit Exception when running MR Pool of Participants Data Changes Report		

Interface	Web Browser Interface
Web Service Endpoint	N/A
Web Service Method	N/A
Program	Kidney Paired Donation
Patient	N/A
Section	Match Run Pool of Participants Data Changes Report

Description:

An error was corrected that occurred when processing the Match Run Pool of Participants Data Changes Report. This report uses audit data to identify if/when donor/recipient data has changed since Match Run results were generated.

Release Version	Reference	Category
5.6.11	CTR11-10108	Unexpected Result
Title		
Error when Linking Patient Records		

Interface	Web Browser Interface
Web Service Endpoint	N/A
Web Service Method	N/A
Program	All
Patient	All
Section	Personal / Principal IDs / Linked Records

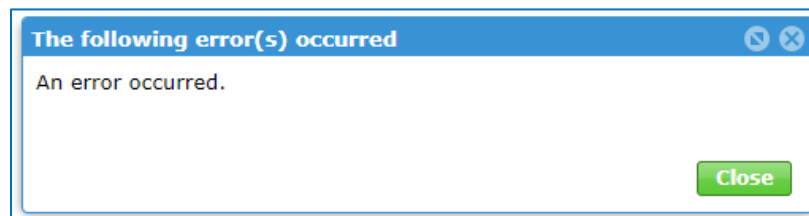
Description:

An error has been corrected that prevented linking one record with another which occurred when the user searched for the patient ID to link.

PRINCIPAL IDS

National Patient ID: CTR011353	Local ID:
* + Does patient have a PHN?: <input checked="" type="radio"/> Yes <input type="radio"/> No	Linked Records <input type="button" value="Add"/>

National Id ↑



Release Version	Reference	Category
5.6.11	CTR11-10109	Unexpected Result
Title		
Slowness in National Organ Waitlist when filtering with Numeric Filters		

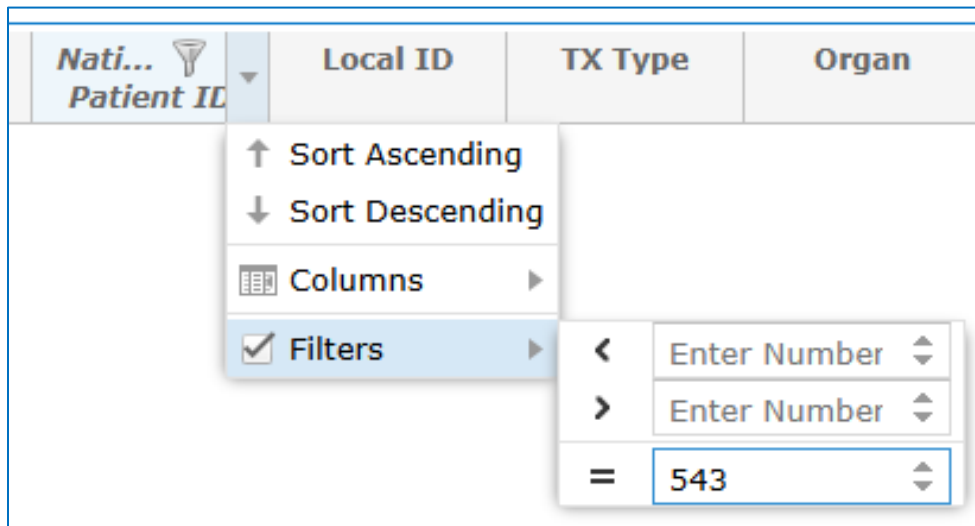
Interface	Web Browser Interface
Web Service Endpoint	N/A
Web Service Method	N/A
Program	National Organ Waitlist
Patient	Recipients
Section	Numeric filter options

Description:

While attempting to filter the National Organ Wait by a numeric filter, the process of filtering the results would pause with every keystroke and attempt to load the results.

This unexpected behaviour was only present with numeric filters, when the desired numeric value was longer than one character.

This issue did not impact the accuracy of the data, it only slowed down the process.



Release Version	Reference	Category
5.6.11	CTRII-10110	Unexpected Result
Title		
National Organ Waitlist: Timezone selection feature is not correctly updating all dates to the selected time zone		

Interface	Web Browser Interface
Web Service Endpoint	N/A
Web Service Method	N/A
Program	National Organ Waitlist
Patient	Recipients
Section	Recipients by Organ Request

Description:

When changing the selected **Timezone**, the National Organ Waitlist wasn't correctly updating all dates and times displayed in the results.

The functionality has been corrected to display the **List Date**, **MS Change Date**, and **Last Updated Date/Time** to values aligned with the time zone selected.

The screenshot shows the 'National Waitlist - Kidney' application interface. At the top, there are four icons: Refresh, Print, Help, and Export. To the right, there is a 'Timezone:' label and a dropdown menu. The dropdown menu is open, showing a list of time zones: Pacific Time, Mountain Time, Saskatchewan Time, Central Time, Eastern Time, Atlantic Time, and Newfoundland. Below the icons, the text 'Last Refreshed: 2025-01-07 16:25:20 (ET)' is displayed. Below that, the filter text reads 'Filter: National Patient ID [EQ: 543] /Eligibility[HSP: No] /State[Active]'. At the bottom, a table header is visible with columns: ODO, Nati... Patient ID (with a funnel icon), Local ID, TX Type, Organ, and Eligi.

Release Version	Reference	Category
5.6.11	CTR11-10112	Unexpected Result
Title		
Unable to upload attachments – DWL / KPD Consent		

Interface	Web Browser Interface
Web Service Endpoint	N/A
Web Service Method	N/A
Program	All
Patient	All
Section	Personal / Consent

Description:

The application was not allowing an attachment to be uploaded to the Deceased Waitlist Recipient's, or Kidney Paired Donation Recipient's consent section.

The screenshot shows a web application window titled "CONSENT". It contains a form with the following fields:

- Consent Type:** A dropdown menu with "Deceased Waitlist Recipient Consent" selected.
- Consent Obtained On:** A date input field with a red border and a calendar icon. The placeholder text is "YYYY-MM-DD". Below the field is a red error message: "This field is required".
- Consent Form:** A text area with the placeholder "You can drag and drop files" and a blue "Browse..." button.

Below the form is a "History" section with a table:

Consent Type	Consent Obtained On	Consent Form	FOR CBS INTERNAL USE ONLY - CBS Consent Confirmation Date	Updated By	Updated Date (ET)
Deceased Waitlist R...				6503 - first_name 650...	2021-08-19 17:56:41

At the bottom right of the window are two buttons: "Update" (green) and "Cancel" (blue).

CTR Version 5.6.11.0 Known Issues

1. With single decimal precision enabled, when a cPRA calculation ends in a decimal zero, the results returned via webservices may not display the zero. Other decimal values that do not end in zero will be returned with the decimal intact. For example, a cPRA value of 97.7% will be returned as 97.7% whereas a cPRA value of 97.0% may be returned as 97%. This does not affect calculations or ranking. It is a display issue only.
2. **Historical** cPRA serum results will display in the user interface with a decimal zero (87% will now display as 87.0%). This does not affect historical data or accuracy. It is a display issue only.

CTR Version 5.7 (2025)

The scope of CTR 5.7 is currently under consideration.

Customer Support

For assistance with the information contained in this document, please contact our CTR Customer Solutions Team via email at transplantregistry@blood.ca or call 1-855-274-2889.

If you are calling outside of normal office hours, dial '1' to speak to on-call CTR Customer Support personnel.