

IPOS High Status Heart (HSH) Pre “Go-Live” Preparation Checklist for Organ Donor Organizations

FAMILIARIZE YOURSELF AND TEAM MEMBERS WITH:

- The IPOS High Status Heart (HSH) Project website for the most updated and approved policies, FAQs, updates and more. The website can be found [here](#).
- IPOS HSH Heart Allocations, Notifications & Offer Management & Recusals [here](#).
 - Important Topics:
 - HSH Allocation Matching & Ranking, Offers, Phone Calls, & Deferrals,
 - “Frozen” allocation list, Previewing & Re-running the Allocation for newly listed Status 4,
 - When each type of CTR Notifications is sent.
- Training provided will be IPOS HSH focused with the assumption that attendees have received and are competent with CTR 101 basic training. If any staff need CTR 101 training, please email transplantregistry@blood.ca to arrange for a session prior to attending IPOS HSH focused sessions.
- Important-Deceased HSH Allocation and Offer Data Fields:
 1. Personal Tab:
 - Social Details – Country of Origin
 2. Assessment Tab:
 - Medications – Listing of medications donor was taking
 3. Allocation Tab:
 - ‘HS Heart’ sub-tab is where the HSH Allocation is executed, is where the list of matched & ranked recipients are displayed, and where offers are proposed and managed. Important & new Columns in the Allocation list:
 - Highly Sensitized (Yes/No),
 - VXM (Pos, Neg, No vXM),
 - Days at Current Status,
 - Adjusted cPRA & Crossed Antibodies (**not currently active, is there for potential future functionality**)

- Comments column: displays the matched recipient’s Donor Acceptance Criteria (DCD, Hep B+, Hep C+, age, height) and other general comments provided by the recipient’s program, including potential geographical offer restrictions. **‘Incompatible ABO’** and **Min/Max Donor Weight donor acceptance criteria** does not need to be inputted into the comments column as they are considered hard stop criteria - please see below
 - **Accept Incompatible ABO** is set by default to ‘No’. When ‘Yes’ is chosen the recipient will be designated as eligible for ABO incompatible transplants and will be flagged as blood group compatible by the matching algorithm.
 - **Min. and Max.** Donor Weight are considered **hard stop criteria** in that these fields will be used by the matching algorithm to prevent the recipient from matching with a donor whose weight falls beyond the upper or lower limits specified. This will aid in avoiding unnecessary offers where weight is a known contraindication to transplant.
- ‘Heart’ sub-Tab – Existing tab used for view national heart list and for running of virtual crossmatch on HLA and ABO, available for use when HSH allocation list is exhausted.

PRIOR TO GO-LIVE, IT IS IMPORTANT THE FOLLOWING BE COMPLETED TO ENSURE FAIR AND EQUITABLE ACCESS TO THE IPOS HSH PROGRAM:

- **Provide any information/updates needed by your local IT department to ensure lock step coordination leading to go-live**
- **Liaise with your local Transplant Programs to ensure any required coordination needed upon launch of the IPOS HSH program has been discussed**
- **Update & Verify User Email & SMS (text) Notification settings**
 1. Donor Coordinators should subscribe to receive the *HS Heart Allocation Notification*
 - This notification serves to let the ODOs know that one of their urgent status 4 recipients has matched in a prospective donor’s HSH allocation results list.
 - The Email and SMS notifications informs you of the rank your recipient has placed (e.g., 3 of 5).
 - The email version provides basic donor demographic detail that includes the Offering ODO, Height, Weight, Age, ABO, and Gender.
 - The aim is to allow the ODOs & Physicians the opportunity for the offer to be deferred away from the #1 ranked match and be donated to their recipient instead.
 2. Donor Coordinators should verify their subscription for *Urgent Waitlist Notifications*

- After the HSH allocation has been run the ODO, per policy, may need to re-run the allocation algorithm when a new Urgent Status 4 recipient is activated on the list prior to a verbal acceptance of any offers that are already in place.
- This notification serves to alert the ODO of that newly listed urgent patient.
- For more process information see this document that covers [here](#).

Please note it is the responsibility of the coordinators and any other users to ensure subscription to these notices are complete and to ensure contact information is current and correct.

On completion of go-live activities (i.e., all Canadian Blood Services and provincial platforms are updated to include HSH allocation functionality) transplant recipient coordinators are responsible for ensuring any listed recipients with a ‘4S’ status prior to go live have been updated to their true hemodynamic status (i.e., 3, 3.5, 2) in the CTR. However, we strongly recommend reviewing your local list of ‘4S’ recipients once go-live has been completed to ensure their statuses have been updated. **We highly recommend liaising with your IT department regarding day of go-live activity.**

Glossary

High Status Heart Recipients	A recipient with a calculated panel reactive antibody (cPRA) value of greater than or equal to 80% OR be designated as medically urgent (Status 4)
Highly Sensitized Heart Recipient	A recipient with a calculated panel reactive antibody (cPRA) value of greater than or equal to 80%
Medically Urgent Heart Recipient	A recipient that is designated as status 4