

High Status Heart (H.S. Heart) Recipient Ranking Decision Diagram

This map shows the criteria and decision points that the Canadian Transplant Registry's (CTR) H.S. Heart matching algorithm uses to come up with the final HS Heart Allocation recipient rankings for urgent status 4, and non-urgent status, highly sensitized heart recipients.

When the HS Heart Algorithm is run for a donor, the CTR first determines which patients are HS Heart program eligible by pulling from the "pool" of actively waiting heart recipients listed on the National Organ Waitlist (NOW).

Once eligibility is confirmed, and the CTR produces a ranked list of recipients using their individual pre-defined donor acceptance filters and the tie-breaking criterion to determine the final ranking.

The ODOs will make their offers progressively in the ranked order the list produces, as guided by IPOS H.S. Heart national allocation policies.

The **red** pipelines show that recipient ties are not yet broken and that they'll continue on the next tiebreaker to try to be break the tie.

The dashed (---) pipelines indicate that the tie has been broken and the CTR has been able to determine the ranking spot for a recipient (or recipients).

Dashed lines are colour coded to match their ranking spot.

Please note: This is a conceptual model and does not depict any specific ranking scenario.

