

OPTN Pancreas Transplant Committee

Meeting Summary

January 20, 2023

Conference Call

Rachel Forbes, MD, Chair

Oyedolamu K Olaitan, MD, Vice Chair

Introduction

OPTN Pancreas Transplant Committee (the Committee) met via Citrix GoToMeeting teleconference on 01/20/2023 to discuss the following agenda items:

1. Demo: Tableau Sensitivity Tool
2. Focused Discussion: Blood Type and Organ Registration
3. Closing Remarks

The following is a summary of the (Sub)Committee's discussions.

1. Demo: Tableau Sensitivity Tool

The Committee received a demonstration on how to operate the Tableau sensitivity tool.

Summary of discussion:

Committee members raised concerns about the outcome of certain scenarios displayed through the tool. A member questioned why prior living donors appeared lower on the match run for the scenario being demonstrated. Staff clarified that the scenario demonstrated was the all donor efficiency model, and that due to the fact that the weights for each attribute can be controlled in the tool and can create different outcomes could be attributing to why prior living donors are not prioritized as highly as the Committee anticipated in the simulated model. The Committee members voiced concern regarding the attribute weights and that taking away too many points away from some attributes could potentially have an adverse effect on the outcome.

2. Focused Discussion: Blood Type & Organ Registration

The Committee reviewed previous discussions related to the Blood Type and Organ Registration attributes and began discussions on potential modifications for the second modeling request.

Summary of discussion:

Blood Type

Committee leadership shared their thoughts and recommendation of maintaining screening for kidney-pancreas (KP). Committee leadership provided rationale that changing the rules for screening for KP too complex for this first iteration of the project. Additionally, there was a previous effort to remove screening for KP that was not supported by the Kidney Committee and later not passed by the OPTN Board of Directors.^{1,2} The Committee voiced agreement in maintaining screening for KP and revisiting

¹ Meeting summary for January 16, 2018, meeting, OPTN Pancreas Transplantation Committee.

² *Broadened Allocation of Pancreas Transplants Across Compatible ABO Blood Types Briefing Paper*, OPTN Pancreas Transplantation Committee, December 2017.

potentially making changes to ABO screening in the future. Staff polled the Committee which resulted in the Committee unanimously voting in favor of maintaining ABO screening for KP.

The Committee then discussed the ABO rating scale. The Committee reviewed the previous rating scale recommendation of a binary scale for identical over compatible blood type, where a patient would receive receiving all the points if blood type is identical or no points if compatible. The other option is to align the ABO rating scale with calculated panel-reactive antibody (CPRA). Committee members understand the goal is to increase utilization of pancreata, however they are concerned for access to those candidates who are ABO compatible. A member asked how to address highly sensitized blood type O getting all the blood types and how it would be impacted by CPRA. Staff clarified that sensitization is a CPRA is a separate attribute. The outcome of the determination of the screening rule should focus on creating equal access based on blood type. The Committee voiced concerns around how blood type may be impacted by changing the weights. Some Committee members added that challenges may result from having different rules for KP and pancreas alone. to the Committee agreed to come back to this discussion with options to review based on the Committee's goal to maintain screening for KP and rules outlined in current policy for blood type.

Organ Registration

The Committee reviewed the previous recommendations for the organ registration attribute and the corresponding donor modifiers used for modeling. Current policy classifies allocation for KP, pancreas and islets based on age and body mass index (BMI). The Committee was asked to consider how much priority islet candidates should receive for each classification: (

- Donors Age ≤ 50 with BMI ≤ 30
- Donors Age > 50 or BMI > 30

An SRTR representative stated that from their experience with islets, the volume of islet infusions has been low in volume for the past few years. A member questioned that if there are so few centers providing islet transplants if it would it be beneficial to improve the efficiency of placing islet candidates. The Committee agreed that if the list of islet candidates were small in volume, then utilization may be no different.

Upcoming Meeting

- January 27, 2023 (In Person Meeting, Houston TX)

Attendance

- **Committee Members**
 - Colleen Jay
 - Dean Kim
 - Diane Cibrik
 - Dolamu Olaitan
 - Muhammad Yaqub
 - Parul Patel
 - Rachel Forbes
 - Rupi Sodhi
 - Todd Pesavento
 - Mallory Boomsma
 - Randeep Kashyap
 - Nikole Neidlinger
 - Ty Dunn
- **HRSA Representatives**
 - Marilyn Levi
- **SRTR Staff**
 - Raja Kandaswamy
 - Bryn Thompson
 - Jonathan Miller
- **UNOS Staff**
 - Joann White
 - Lauren Mauk
 - Austin Chapple
 - Kieran McMahon
 - Lauren Motley
 - Sarah Booker
 - Krissy Laurie
 - James Alcorn
 - Ross Walton