

OPTN Pancreas Transplantation Committee
Meeting Summary
February 17, 2023
Conference Call
Rachel Forbes, MD, Chair
Oyedolamu Olaitan, MD, Vice Chair

Introduction

OPTN Pancreas Transplant Committee met via Citrix GoToMeeting teleconference on 02/17/2023 to discuss the following agenda items:

1. Overview/Recap: Attributes, Rating Scales, and Focused Discussions
2. Attribute Rating Scales and Weight Scenarios for Organ Allocation Simulator (OASIM) #2
3. Closing Remarks

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

1. Overview/Recap:

The Committee reviewed the modeling goals that were established during previous meeting discussions.

Summary of discussion:

There were no comments or questions.

2. Attribute Rating Scales and Weight Scenarios for (Organ Allocation Simulator (OASIM) #2

The Committee reviewed potential scenario and weight options for the second OASIM modeling request. These scenarios were based on the Committee's modeling goals for each attribute. The four scenarios and their attribute weights the Committee discussed are as follows:

- **New All Donor Efficiency:**
 - Blood Type: 0%
 - CPRA: 10%
 - Prior Living Donor: 20%
 - Pediatric: 20%
 - Qualifying Time: 10%
 - Placement Efficiency: 30%
 - Organ Registration: 10%
- **20-20-20:**
 - Blood Type: 0%
 - CPRA: 15%
 - Prior Living Donor: 20%
 - Pediatric: 20%
 - Qualifying Time: 15%
 - Placement Efficiency: 20%
 - Organ Registration: 10%
- **High Priority for Pediatrics and Prior Living Donor:**
 - Blood Type: 0%
 - CPRA: 10%

- Prior Living Donor: 25%
- Pediatric: 25%
- Qualifying Time: 10%
- Placement Efficiency: 20%
- Organ Registration: 10%
- **High Priority for CPRA:**
 - Blood Type: 0%
 - CPRA: 25%
 - Prior Living Donor: 15%
 - Pediatric: 15%
 - Qualifying Time: 15%
 - Placement Efficiency: 20%
 - Organ Registration: 10%
- **Revised CPRA:**
 - Blood Type: 0%
 - CPRA: 20%
 - Prior Living Donor: 20%
 - Pediatric: 20%
 - Qualifying Time: 10%
 - Placement Efficiency: 20%
 - Organ Registration: 10%

Summary of discussion:

After reviewing the bar graphs that compare kidney-pancreas (KP) and pancreas, some Committee members noted that KP appeared to be receiving more priority than pancreas alone. One member observed the data showing a decrease in waitlist mortality for KP; however, the difference in pancreas alone waitlist mortality was minuscule.

Proximity Efficiency

The Committee modeling goal for proximity efficiency was to increase utilization of pancreata while minimizing the travel distance for pancreas alone. There were no comments added by the Committee.

CPRA

The Committee established the goal of equitable access across CPRA groups. For most of the scenarios CPRA was given between a 10 percent and 15 percent weight, however, for the high priority CPRA scenario, the weight was increased to 25 percent. The Committee discussed some concerns related to the high CPRA scenario. Some members questioned if the high wait times of a highly sensitized candidate would be longstanding. A member stated that if a candidate were on the lower end of what is considered higher CPRA, that candidate would be receiving more priority than what is really needed. The member continued by providing an example of a candidate with an 80 percent CPRA being categorized as highly sensitized and would receive more priority, however, that priority is not necessary because the exemplified candidate can still receive an acceptable match.

Another member questions whether or not grouping together candidates with a CPRA between 80 and 97 percent is too broad because candidates on both ends of this scaling do not behave the same way, yet they both gain the same priority. The Vice Chair added that the pool of candidates with a CPRA between 80 and 97 percent is so small.

The Committee was called to a vote to indicate maintaining the current high CPRA scenario or continue forward with the revised CPRA for the second modeling request. The Committee voted in support of the revised high CPRA scenario and voiced agreement in the increased weight for the pediatrics and prior living donor attributes.

Some Committee members questioned whether assigning the pediatrics and prior living donor attributes high weights would result in unintended outcomes for the other attributes. Some members voiced concern that the higher weight on the pediatrics and prior living donor attributes, that are rare to never events, may restrict flexibility among the other attributes if there are no pediatric or prior living donor candidates.

The Committee voiced support for the New All Donor Efficiency and 20-20-20 scenarios but stated reservations for the remaining scenarios (high priority for pediatrics and prior living donor and revised high priority for CPRA).

For the high priority for pediatrics and prior living donor scenario, the Committee voiced concern for the lowered weight assigned for the proximity efficiency attribute. The Committee is concerned that pediatrics and prior living donor is weighted too high compared to proximity efficiency. The Committee would like to review this scenario with some modifications to the weights presented.

For the revised high priority for CPRA scenario, some members voiced opposition to the decreased weight assigned to the proximity efficiency attribute. Some members noted that decreasing the weight for proximity efficiency too much is unacceptable to some Committee members. The Committee Chair questioned what percentage of the weight is too low for proximity efficiency. Some Committee members feel anything below 25 percent is too low, but this topic will be revisited and discussed further in a future meeting.

There were no further questions or comments. The meeting was adjourned.

Upcoming Meeting

- February 24, 2023 (Teleconference)

Attendance

- **Committee Members**
 - Colleen Jay
 - Diane Cibrik
 - Dolamu Olaitan
 - Jessica Yokubeak
 - Muhammad Yaqub
 - Nicolae Leca
 - Parul Patel
 - Rachel Forbes
 - Randeep Kashyap
 - Rupi Sodhi
 - Ty Dunn
 - William Asch
 - Todd Pesavento
- **HRSA Representatives**
 - Marilyn Levi
- **SRTR Staff**
 - Bryn Thompson
 - Jonathan Miller
 - Raja Kandaswamy
- **UNOS Staff**
 - Austin Chapple
 - Joann White
 - Kayla Temple
 - Kieran McMahan
 - Lauren Mauk
 - Lauren Motley
 - Lindsay Larkin
 - Sarah Booker
- **Guests**
 - Dave Weimer