

OPTN Kidney Transplantation Committee

Meeting Summary

January 17, 2023

Conference Call

Martha Pavlakis, MD, Chair

Jim Kim, MD, Vice Chair

Introduction

The Kidney Transplantation Committee (the Committee) met via teleconference on 1/17/2023 to discuss the following agenda items:

1. Welcome and Announcements
2. Preview of Policy Analyzer Dashboard

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

1. Welcome and Announcements

Staff and Committee Leadership welcomed the Committee members to the meeting.

Summary of discussion:

There were no questions or comments.

2. Preview of Policy Analyzer Dashboard

The Committee received a presentation from Massachusetts Institute of Technology (MIT) representatives on a new dashboard tool available for the Committee to use.

Presentation summary:

MIT representatives showed a "Policy Analyzer" dashboard tool, which includes thousands of policy options based on different priorities that the user can select. Based on these priorities and weights selected, the dashboard displays graphs depicting outcomes based on a variety of metrics including median distance, average waiting time, transplant rate disparities, etc. MIT representatives walked the Committee members through the functionality of the tool.

Summary of discussion:

The Committee thanked MIT representatives for developing the dashboard. A member asked how the graphs for transplant rate disparities should be interpreted. An MIT representative responded the dashboard looks at one year of historical information and transplant rate is the number of transplants that a certain group received during the simulation period, divided by the group's total qualifying time. For subgroups (ex. CPRA, race, etc.), the dashboard is assessing the highest and lowest transplant rates within those groups and showing the difference. However, for metrics that have large population cohorts, such as the DSA transplant rate disparity, this graph shows the average difference in transplant rate between different DSAs. A Committee member commented it would be helpful to know more total numerical counts when comparing policies. MIT representatives also cautioned the Committee that the waiting time transplant rate metric only takes into consideration those candidates that received a

transplant. MIT representatives the tool will allow the Committee to set priorities to hone in on a policy scenario that could be used as a starting point to fine tune attribute weights.

Committee members asked if the tool would be made available to the community. MIT representatives commented the tool was developed for Committee use but could explore releasing the tool more broadly once the dashboard is finalized. Committee members commented they would like to release the tool to the community in the future once the Committees have a chance to use it, but education would need to be developed on how to use it.

Next Steps

Committee members will review the dashboard and discuss optimized policy scenarios at their next meeting.

Upcoming Meetings

- January 27, 2023 - Houston, TX

Attendance

- **Committee Members**
 - Martha Pavlakis
 - Arpita Basu
 - Chandrasekar Santhanakrishnan
 - Elliot Grodstein
 - Tania Houle
 - Caroline Jadlowiec
 - Jason Rolls
 - Jim Kim
 - Kristen Adams
 - Marian Charlton
 - Marilee Clites
 - Nidyanandh Vadivel
 - Oscar Serrano
 - Patrick Gee
 - Precious McCowan
- **HRSA Representatives**
 - Jim Bowman
 - Marilyn Levi
- **SRTR Staff**
 - Ajay Israni
 - Bryn Thompson
 - Grace Lyden
 - Jonathan Miller
- **UNOS Staff**
 - Lindsay Larkin
 - Kayla Temple
 - Keighly Bradbrook
 - Kieran McMahon
 - Kim Uccellini
 - Lauren Motley
 - Krissy Laurie
 - Ben Wolford
 - James Alcorn
 - Matt Belton
 - Ross Walton
 - Ruthanne Leishman
 - Sarah Booker
 - Thomas Dolan
- **Other**
 - Eli Pivo
 - Nikos Trichakis
 - Nicole Hayde