OPTN Histocompatibility Committee
Meeting Summary
February 14, 2023
Conference Call

John Lunz, Ph.D., F(ACHI), Chair
Gerald Morris, MD, Ph.D., Vice-chair

Introduction

The Histocompatibility Committee ("Committee") met via Citrix GoToMeeting teleconference on 02/14/2023 to discuss the following agenda items:

1. Public Comment Review

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

1. Public Comment Review

The Committee heard presentations on the projects either identified for review by the Committee or identified by the Committee as interested in review.

Data summary:

- **Ethical Evaluation of Multiple Listings** (OPTN Ethics Committee)
  - o This white paper answers the question "What are the ethical implications of permitting patients to be listed at multiple transplant programs?" The Committee considers this question with a focus on access to multiple listing and how it impacts the transplant system as a whole, as opposed to the individual.
- **Identify Priority Shares in Kidney Multi-Organ Allocation** (OPTN Ad Hoc Multi-Organ Transplant Committee)
  - o The Ad Hoc Multi-Organ Transplantation Committee's concept paper aims to establish an updated framework for kidney multi-organ allocation to improve equity in access to transplant between single organ and multi-organ candidates, and to improve efficiency in allocating multiple organ types from one donor.
- **Optimizing the Usage of Kidney Offer Filters** (Operations & Safety Committee)
  - o The Operations & Safety Committee proposes the default usage of offer filters in which a program must opt-out of filtered offers, rather than opt in. The proposal also includes updates to the offer filters model, data set, and filter criteria available.
- **Establish Member System Access, Security Requirements, Incident Management, and Reporting Requirements** (OPTN Network Operations Oversight Committee)
  - o The OPTN Network Operations Oversight Committee (NOOC) aims to establish member system access and security framework requirements to enhance the security of the OPTN Computer System. These requirements will address the following:
    - ▪ Security framework and controls for all members with access to the OPTN Computer System
    - ▪ Self-attestation from members on the security framework in place

- Auditing and compliance monitoring for security requirements
- Security requests for information
- Development of an incident response plan, required actions for a security incident
- Establishment of an information security contact role
- Security training for all member organization staff

- **Continuous Distribution of Kidneys and Pancreata Committee Update** (OPTN Kidney/Pancreas Committees)
    - o This paper contains recent discussions and decisions regarding attributes, their associated rating scales, results of the Committee's first modeling request, and considerations for utilization and the development of kidney and pancreas specific review boards.

Summary of discussion:

- **Ethical Evaluation of Multiple Listings**

    There was no discussion surrounding this item.

- **Identify Priority Shares in Kidney Multi-Organ Allocation**

    A member noted that the mortality rates for each of the multi-organ combinations listed is different; therefore, they should not be treated equally when considering multi-organ priority. The presenter replied that they would return that feedback to the committee, but that there was also a balancing act even when considering mortality rate across different combinations (short-term versus long-term mortality). The immediate past Chair suggested that the allocation classifications be sorted among all organ combinations to establish a definitive ordering. The presenter responded that, in some ways, that sorting method mirrored the discussions the MOT Committee was having around continuous distribution. Each organ combination would be considered for its characteristics and priority rather than trying to base some amount of priority off the combination itself.

    The Chair suggested that there may be intersection between predictive analytics and this project, as predictive analytics could help programs understand who will receive a comparable offer earlier. The presenter agreed, noting that there was certainly weight to knowing whether the candidate would receive another acceptable offer in one month or ten years.

- **Optimizing the Usage of Kidney Offer Filters**

    There was no discussion surrounding this item.

- **Establish Member System Access, Security Requirements, Incident Management, and Reporting Requirements**

    A member noted that histocompatibility laboratories rarely interacted with the OPTN Donor Data and Matching System outside of uploading incompatible antigens: Will this proposal impact their access? The presenter replied that any time a program accesses

the OPTN Computer System, regardless of duration or frequency, it is a vulnerability and would be subject to the proposed changes.

The presenter also noted that the security representatives within the proposal likely would need to be familiar with general IT knowledge, so a laboratory director may not be the best choice.

- **Continuous Distribution of Kidneys and Pancreata Committee Update**

    There was no discussion surrounding this item.

Upcoming Meeting

- March 14, 2023
- April 11, 2023 (in-person)

Attendance

- **Committee Members**
  - John Lunz
  - Gerald Morris
  - Amber Carriker
  - Andres Jamarillo
  - Laurine Bow
  - Caroline Alquist
  - William Goggins
  - Hua Zhu
  - Lenore Hicks
  - Manish Gandhi
  - Manu Varna
  - Omar Moussa
  - Peter Lalli
  - Qingyong Xu
  - Valia Bravo-Egana
  - Rajalingam Raja
- **HRSA Representatives**
  - Marilyn Levi
  - Jim Bowman
- **SRTR Staff**
  - Katherine Audette
- **UNOS Staff**
  - Courtney Jett
  - Isaac Hager
  - Joann White
  - Karen Wooten
  - Kristine Althaus
  - Laura Schmitt
  - Lindsay Larkin
  - Susan Tlusty
  - Terri Helfrich
  - Thomas Dolan
- **Other Attendees**
  - Edward Hollinger
  - Kelley Hitchman
  - Kim Koontz
  - Sanjay Kilkarni
  - Vince Casingal