

**OPTN/UNOS Histocompatibility Committee  
Meeting Minutes  
January 9, 2018  
Conference Call**

**Robert Bray, PhD, D(ABHI), Chair  
Cathi Murphey, PhD, HCLD/CC(ABB), Vice Chair**

**Introduction**

The Histocompatibility Committee (Committee) met via Citrix GoToTraining teleconference on 01/09/2018 to discuss the following agenda items:

1. Review of Committee Data Requests
2. National Marrow Donor Program (NMDP) CPRA Discussion

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

**1. Review of Committee Data Requests**

The Committee requested several data reviews in 2017.

Summary of discussion:

UNOS staff gave an update on data requests submitted by the Committee:

- Requests by Discrepant HLA Typing Subcommittee:
  - Affiliation of individuals who reported discrepant data in UNet<sup>SM</sup>
  - Quarterly reports
- Characteristics of kidney candidates with 98-100% CPRA
- Broad antigen frequencies for next equivalency table update

*Requests by Discrepant HLA Typing Subcommittee:*

As part of the Addressing HLA Typing Errors project, the Subcommittee is interested in understanding more about those making the discrepant errors in HLA typing. The results of this data request will show the percentage of individuals entering this data based on whether they work at an OPO or a laboratory. The results of this will be presented on the next Discrepant HLA Typing Subcommittee call. The Discrepant HLA Typing Subcommittee also has a standing data request to look at discrepant data each quarter. This is continuing as it has, with Q3 2017 data being reviewed by the Discrepant HLA Typing Subcommittee at their next meeting.

*Characteristics of kidney candidates with 98-100% CPRA:*

This data request is to look at the population of those with a CPRA value between 98% and 100% more granularly. While this data was requested awhile back, other data requests took priority for the Committee. Work on this will resume after the OPO vs. lab entry error data request is completed.

*Broad antigen frequencies for next equivalency table update:*

During the in person meeting in October 2017, the Committee considered removing select broad antigens from the equivalency tables that had split antigens available. In order to fully measure the impact of this change, the Committee agreed to submit a data request that will be considered during the next equivalency table update. UNOS staff presented ideas for the data request. One was to look at the broad antigen frequencies for recent deceased donors and current waitlist registrations. For all registrations with broad unacceptable antigens, UNOS staff

suggested stratifying the data by the total number of registrations with broad unacceptable antigens, registrations with only split antigens, and registrations with some broad and some split antigens. The Committee agreed with these ideas. One Committee member asked if the data could be broken out by years so that the Committee could see if fewer broad antigens were being assigned more recently vs. years ago when splits were not as common. UNOS staff agreed to add this to the request.

## **2. National Marrow Donor Program (NMDP) CPRA Discussion**

The Committee heard a brief summary of a recent meeting between Committee leadership, UNOS staff, and a group working with NMDP data for calculating CPRA. This group was interested in sharing their findings with the Committee. Benefits of the NMDP data used in their analysis include a larger population size (around six million) and more granular, allele level antigens. This work may impact the Committee's project idea of updating how CPRA is calculated. The Committee will hear a presentation from this group on an upcoming conference call.

### **Upcoming Meetings**

- February 13, 2018
- March 13, 2018 – Chicago, IL