

**OPTN/UNOS Histocompatibility Committee  
Meeting Minutes  
May 8, 2018  
Teleconference**

**Robert Bray, PhD, D(ABHI), Chair  
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**Introduction**

The OPTN/UNOS Histocompatibility Full Committee met via teleconference on 05/08/2018 to discuss the following agenda items:

1. Addressing Human Leukocyte Antigens (HLA) Typing Errors Project Update
2. Points for DR Matching Project Idea Discussion

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

**1. Addressing HLA Typing Errors Project Update**

The Committee heard an update on recent project progress, and viewed a demo of how the proposed IT solution (double entry by the same user) would look in UNet<sup>SM</sup>.

There is a new discrepant typing report that has been presented to the Discrepant HLA Typing Subcommittee and was also talked about at the in-person meeting. It will make discrepancies available to members in a different way that should hopefully be more useful to everyone and will be easy to interpret. That way it hopefully can be used as an educational tool.

The Addressing HLA Typing Errors project will also have additional educational components, as the Committee is looking at ways to educate members about some of the more common discrepancies. One Committee member suggested modeling the discrepancy report after the benchmark reports.

UNOS IT staff presented a mock up for how the double entry could possibly work. This had already been presented to the Subcommittee and received positive feedback. The IT staff member commented that she would make the URL or link for the demo available to whoever would be presenting at the regional meeting.

UNOS Research staff member provided an update on the redesigning of the current discrepant HLA typing report. She explained that the current HLA typing report in UNet was developed about 10 years ago and consequently does not reflect advancements in the histocompatibility field. The Subcommittee focuses on critical donor discrepancies (i.e. the ones that potentially affect allocation). There is very little overlap between what is shown in the report in UNet and what the Subcommittee is looking at. When the Subcommittee discussed a redesign, the plan was to just focus on the critical donor discrepancies, as defined by the Subcommittee.

One Committee member asked if UNOS had housed all of the previous report discrepancies. UNOS staff confirmed they can go back and look at these past discrepancies. A Committee member suggested that moving forward it would be nice if the system could display the last year, or possibly 5 years, of data. One example was to have a drop-down menu with choices of what could be displayed.

There was a suggestion that along with the lab code they include the lab's phone number so that it would be easy to contact colleagues without having to search. UNOS IT staff will look into this possibility.

## **2. Points for DR Matching Project Idea Discussion**

A review of the project history was provided from 2013. The Chair commented that they had asked UNOS Research staff to re-look at the data that had been published in 2014 about the clinical impact of better DR matching and substantially improved outcomes with better DR matching.

A suggestion was made that they need to look at whether any groups are being disadvantaged by using DR matching. The precedent has already been set that they are already giving points for ABDR mismatching. UNOS staff commented that if you control the level of DR mismatch, the level of A and B mismatch does not really affect survival. One Committee member suggested that it is a good time to give the data a closer look and then derive a policy based on the hard data.

There was a request to also look at the combination of HLA-DR and HLA-DQ.

### Next Steps

The consensus was that the Committee was in favor of going forward with requesting the data.

### **Upcoming Meetings**

- June 5
- July 10