

OPTN/UNOS Histocompatibility Committee
Meeting Minutes
June 13, 2017
Conference Call

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

Introduction

The Histocompatibility Committee (the Committee) met via Citrix GoToTraining teleconference on 06/13/2017 to discuss the following agenda items:

1. Review of HLA Tables (2016)

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

1. Review of HLA Tables (2016)

The DPB1/Annual Equivalency Table Review Subcommittee (the Subcommittee) finalized a draft of the equivalency tables to bring to the Committee for a vote to send out for public comment.

Summary of discussion:

The Committee reviewed the latest draft of the equivalency tables from the Subcommittee. UNOS Staff had several questions for the Committee after a recent final review of the equivalency tables. Specifically, the Committee considered whether or not to include HLA B 08:04 in the equivalency tables since it is no longer detectable by lab test kits. One Committee member reasoned that keeping it in the tables for historical purposes would prevent the need for labs to go back and change those candidates and donors typed with B 08:04. While the Committee has moved towards only including equivalences in the tables that are detectable by the test kits produced by One Lambda™ and Immucor, the Committee agreed that leaving B 08:04 in the tables would be fine for historical purposes.

In an effort to align the equivalency tables with current HLA nomenclature, the Committee updated all antigens in the equivalency tables to include colons and zeroes, when appropriate. The Committee discussed this change with B 103. With these changes, it will now read in the equivalency tables as B 01:03.

As the Committee reviewed the new HLA DPB1 unacceptable antigen equivalency table, UNOS Staff brought up the need for some verbiage to describe how the new table functions since it does not follow the format of all other equivalency tables. IT Staff also questioned the functionality of the DPB1 equivalency table as it was currently written, since it does not include all one-to-one DPB1 equivalences. After the Committee discussed the functionality with IT staff, they agreed to show all one-to-one relationships for DPB1 antigens that are currently in UNetSM dropdown menus as well as the equivalences for the G alleles. This would make the implementation for IT easier and prevent confusion from members who are used to seeing the one-to-one equivalences in the tables for other HLA loci. Due to this change, the Committee could not vote to approve the equivalency table language for public comment at this meeting.

Next steps:

UNOS Staff will create the new version of the DPB1 equivalency table to include all one-to-one relationships with the DPB1 antigens in UNet and the G alleles. A call will be scheduled within

the week for the Committee to take a final vote on all equivalency tables to send out for public comment.

Upcoming Meeting

- To be determined