Adding HLA DQA1 Unacceptable Antigen Equivalences Table

Histocompatibility Committee June 6-7, 2016 Board of Directors Meeting



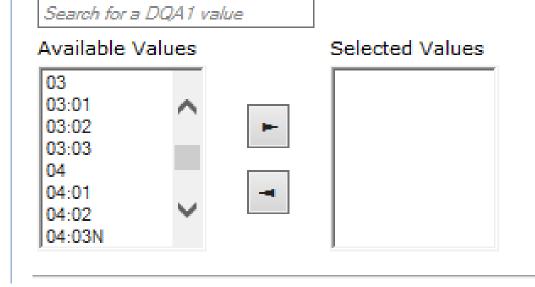
How does this proposal support the OPTN Strategic Plan?

- Primary Goal: Promote living donor and transplant recipient safety:
 - Prevent matching candidates with incompatible donors and help avoid acute rejection, prolonged cold ischemia time, or organ discard
- Improve waitlisted patient, living donor, and transplant recipient outcomes:
 - Reduces risk of rejection associated with HLA DQA1 mismatched donors
- Promote the efficient management of the OPTN:
 - Aligns entry of DQA1 unacceptables with that for all other HLA loci for consistency in UNetSM

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What problem will the proposal solve?

Select all DQA1 unacceptable antigens:



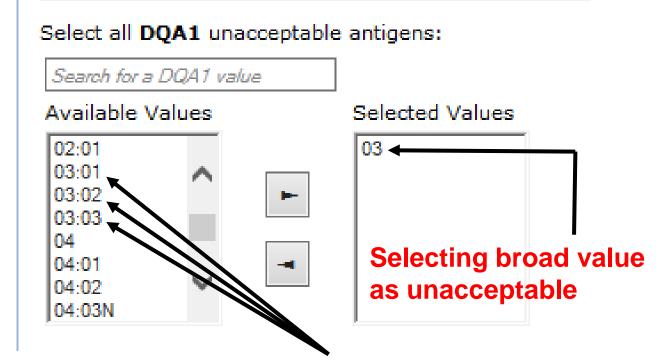
Select all DOA1 unacceptable antigens: Search for a DQA1 value Selected Values Available Values 02:01 03 🗲 03:0103.0203:03 04 Selecting broad value 04:01 as unacceptable 04.0204:03N

Doesn't exclude donors with a subtype value, and candidates can match with donors if subtypes aren't selected

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How does the proposal solve the problem?

- Creates an additional HLA Equivalence table for DQA1
- Allows UNOS IT to accurately program DQA1 unacceptable antigens



Will exclude donors with a subtype value.

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Was this proposal changed in response to public comment?

- No substantive changes made post-public comment
- Stylistic changes for language consistency and ease of reading
- Non-discussion agenda at regional meetings
 - 0 No votes
- ASHI, AST, & ASTS expressed support for the proposal as written

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How will members implement this proposal?

- Members should familiarize themselves with changes in unacceptable antigen entry upon programming
- Histocompatibility labs may need to work with third party vendors to update reporting systems
- No new compliance requirements

How will the OPTN implement this proposal?

This policy will be programmed by UNOS IT

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Overall Project Impact

Product

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Policy

Impacted	
Popu	lations:

Histocompatibility Labs Transplant Coordinators

Total IT Implementation 1,125/12,820 Hours

Total Overall Implementation and Maintenance Hours

1,380/19,560

Resolution 11 (page 47)

 RESOLVED, that changes to Policy 4.10 (Reference Tables of HLA Antigen Values and Split Equivalences), as set forth below, are hereby approved, effective pending programming and notice to OPTN members.