

Clarification of OPO and Living Donor Recovery Hospital Requirements for Organ Donors with Positive HIV Test Results

*OPTN Disease Transmission Advisory Committee
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Purpose of Concept Paper

- MPSC asked the DTAC to clarify the OPTN policies surrounding the allocation of HIV-positive donors
- Clinical situations have arisen where some deceased donors with at least one positive HIV test were treated as if not infected with HIV and allocated to candidates not infected with HIV
- The algorithm would identify:
 - What (if any) test results could be used to classify a deceased donor as not infected with HIV although the donor has at least one positive HIV test result?
 - What (if any) test results could be used to classify a living donor as not infected with HIV although the donor has at least one positive HIV test result?
 - What (if any) clinical judgment or individual protocols would be appropriate and consistent with requirements to assess situations where the donor is not thought to be infected although there is a positive HIV result?

Rationale

- A Workgroup was formed to assess the problem and create the algorithm
- Members wanted to confirm a need from the community to support algorithm development
- Members also questioned if this algorithm should only be provided to pediatric donors to avoid HIV transmission through SOT
- The Workgroup hopes to gather more data on the number of times a donor with a positive HIV test is later found to be HIV uninfected through confirmatory testing

Considerations for the Community

- How often do OPOs or laboratories encounter donors who have at least one test that is positive for HIV but are not thought to be infected? Please be as specific as possible.
- Do OPOs need a testing algorithm to address donors who have at least one test that is positive for HIV but are not thought to be infected?
- Due to risk of transmission, does it make sense to create this algorithm only for pediatric donors?

Considerations for the Community

- What percent of organs from donors with a positive HIV test are not utilized? Please be as specific as possible.
- How often are living donor recovery hospitals encountering living donors who have at least one test that is positive for HIV but are found not to be infected through confirmatory testing? Please be as specific as possible.
- How often are OPOs and living donor recovery hospitals receiving positive fourth generation HIV test results for a SARS-CoV-2 positive donor? Please be as specific as possible.