

Instructions to Members Regarding Policy 3.7.12.1(xii)

Providing Human Leukocyte Antigen Type for Deceased Donor Thoracic Organ Offers Prior to Final Organ Acceptance, if Requested by the Transplant Program Receiving the Thoracic Organ Offer

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Audience

This guidance document is intended for use by thoracic clinicians and organ procurement organization personnel.

Questions

If you have questions about this policy, please contact your regional administrator at 804-782-4800.

Policy Language

3.7.12.1 Essential Information for Thoracic Offers. The Host OPO or donor center must provide the following donor information to the recipient center with each thoracic organ offer:

- (i) The cause of brain death;
- (ii) The details of any documented cardiac arrest or hypotensive episodes;
- (iii) Vital signs including blood pressure, heart rate and temperature;
- (iv) Cardiopulmonary, social, and drug activity histories;
- (v) Pre- or post-transfusion serologies as indicated in 2.2.7.1 (pre-transfusion preferred);
- (vi) Accurate height, weight, age and sex;
- (vii) ABO type;
- (viii) Interpreted electrocardiogram and chest radiograph;
- (ix) History of treatment in hospital including vasopressors and hydration;
- (x) Arterial blood gas results and ventilator settings;
- (xi) Echocardiogram, if the donor hospital has the facilities; and,
- (xii) Human leukocyte antigen (HLA) type if requested by the transplant center.

If a transplant center requires donor HLA type prior to submitting a final organ acceptance, it must communicate this request to the OPO; the transplant center must document this request. If a transplant center requests donor HLA type prior to submitting a final organ acceptance, the OPO must provide the following, identified splits before the organ's final acceptance: HLA-A, HLA-B, HLA-Bw4, HLA-Bw6, HLA-Cw, HLA-DR, and HLA-DQ antigens. The transplant center may request HLA-DP type, but the OPO need only provide it if its affiliated laboratory performs related testing. The OPO must document provision of HLA type to the requesting transplant center.

The thoracic organ procurement team must have the opportunity to speak directly with responsible ICU personnel or the on-site donor coordinator in order to obtain current first-hand information about the donor physiology.

How the OPTN Contractor Will Evaluate Compliance with Policy

3.7.12.1(xii)

A Member's complaint to the OPTN contractor about not receiving requested HLA-typing will result in an investigation of the matter by the OPTN contractor.

Specifically, the OPTN contractor's Department of Evaluation and Quality (DEQ) will review the following to assess policy compliance:

- Transplant center's documentation in the patient's medical record of its request for HLA type for a thoracic organ offer;
- Transplant center's documentation that it received its requested HLA type from the OPO for a thoracic organ offer;
- OPO's documentation in its donor's medical record that the OPO provided HLA type to the requesting transplant center; and
- OPO policy on the provision of HLA type for a thoracic organ offer when a transplant center requests HLA data.

The OPTN contractor will request a corrective action plan if the transplant center's or OPO's documentation does not comply with the requirements of this policy and forward it to the OPTN/UNOS Membership and Professional Standards Committee (MPSC) for review.

Transplant Program Instructions

Goal: Document Its Request to an Organ Procurement Organization for Human Leukocyte Antigen Typing for a Deceased Donor Thoracic Organ

- 1) Communicate to the OPO its request for HLA-typing of the thoracic organ offered.
- 2) Record the request for HLA-typing in the potential recipient's patient medical record. This documentation can be in the form of a progress note, a copy of an email sent to the OPO, or another form of documentation.
- 3) Record the receipt, or the non-receipt, of HLA-typing in the potential recipient's patient medical record. The OPO must provide HLA-typing prior to the transplant center's final acceptance of the organ offered. Typing provided must be: HLA-A, HLA-B, HLA-Bw4, HLA-Bw6, HLA-Cw, HLA-DR, and HLA-DQ antigens. If the OPO provided HLA-DP antigens, the transplant program must record receipt of these data in the potential recipient's patient medical record.

Organ Procurement Organization Instructions

Goals: 1) Documenting a Transplant Program's Request for Human Leukocyte Antigen Typing for a Deceased Donor Thoracic Organ and 2) Documenting Provision of Human Leukocyte Antigen Typing When Requested by a Transplant Program for a Deceased Donor Thoracic Organ

- 1) Record the provision or non-provision of HLA-typing in the donor's medical record.

The OPO must provide HLA-typing prior to the transplant center's final acceptance of the organ offered. Typing provided must be: HLA-A, HLA-B, HLA-Bw4, HLA-Bw6, HLA-Cw, HLA-DR, and HLA-DQ antigens. If the OPO provided HLA-DP antigens, it must record provision of these data in its donor's medical record.

If the OPO is **unable to provide HLA-typing**, it must document the reason and notification of this reason to the transplant program in the donor's medical record.