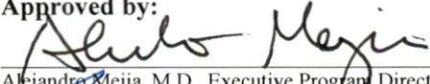
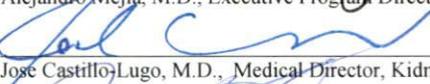
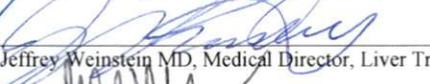


 Methodist Dallas Medical Center	Title: Candidate Blood Type Determination and Reporting before Waiting List Registration	Effective Date: 12/2007
	Section: Liver, Kidney, Kidney Pancreas, Living Donation	
Approved by:  Alejandro Mejia, M.D., Executive Program Director, Organ Transplantation		Revision Date(s): 01/2009; 01/2015; 10/2018; 02/2021; 08/2021; 10/2024
 Jose Castillo-Lugo, M.D., Medical Director, Kidney/Pancreas Transplant		
 Jeffrey Weinstein MD, Medical Director, Liver Transplant		Next review Date: 10/2027
 Melody Holder, Director of Transplant Clinical Operations		

Purpose:

To validate accurate blood types prior to registration of potential transplant candidates or living donors on the OPTN waitlist or UNet, respectively.

Policy:

For the purposes of this policy, a qualified health care professional is a Registered Nurse- Transplant Coordinator or a Data Analyst who has completed training and orientation in the process of ABO determination, subtyping and reporting.

Each candidate or living donor's blood type will be determined by testing at least two blood samples prior to registration on the waiting list. Potential candidate/living donor blood samples must:

- a) Be drawn on two separate occasions
- b) Have different collection times
- c) Be submitted as separate samples (to the same or different labs)

For living donors:

If subtyped *and* pre-red blood cell transfusion samples are available, then subtyping must be completed according to the table below:

Subtyping Requirements by First Subtype Result	
If the donor's primary blood type is:	A second subtyping must be completed if the first subtype result is:
A	Blood type A, non-A ₁
AB	Blood type AB, non-A ₁ B

Living donor blood samples for subtyping must:

- Be tested using pre-red blood cell transfusion samples
- Be drawn on two separate occasions
- Have different collection times
- Be submitted as separate samples

Reporting of Candidate Blood Type or Living Donor Blood Type and Subtype

1. Two different qualified healthcare professionals will independently review results and verify the potential candidate or living donor's ABO blood type. Both reviewers will use all available source documents in the medical record to verify that the documents contain the same ABO on the two test results, and match the result reported in UNet. Source documents may be from a hospitalization, patient's local lab, MDMC lab, or outside lab provider and may include a scanned copy of the original lab results report
2. Both individuals will document the date, time and results of each of the ABO specimens in the ABO Verification at Listing form and sign the document attesting that those results were used for ABO blood type entry into UNet. The listing form is scanned in as part of the candidate's medical record

In the event of conflicting or indeterminate primary blood type results, the individual(s) verifying the blood type will immediately contact the blood bank as referenced in the blood bank policy BB.2.24.05 *Investigation of ABO Discrepancies*. The candidate will not be registered until the discrepancy is satisfactorily resolved.

For living donors: All subtype results reported to the OPTN must be from two separate tests indicating the same result. **If there are conflicting or indeterminate subtype results, the subtype results must not be reported to the OPTN and living donor transplant compatibility or allocation must be based on the primary blood type.**

Reference: United Network for Organ Sharing Policy 3.3.A Candidate Blood Type Determination
14.5.A Living Donor Blood Type Determination
14.5.B Living Donor Blood Subtype Determination
14.5.C Reporting of Living Donor Blood Type and Subtype