


Name of Policy: PRA - Panel Reactive Antibodies-Screening and Crossmatches <hr/> Policy Number: 3364-140-18 Department: Kidney Transplant Administration (Nursing Service) Approving Officer: Associate Vice President/ Associate Executive Director Director, Renal Transplant Program Administrative Director, Renal Transplant Program Responsible Agent: Transplant Coordinator Scope: The University of Toledo Medical Center	 THE UNIVERSITY OF TOLEDO 1872 Effective Date: January 12, 2010 Effective Date: June 15, 1990
<input type="checkbox"/> New policy proposal <input type="checkbox"/> Minor/technical revision of existing policy <input type="checkbox"/> Major revision of existing policy <input checked="" type="checkbox"/> Reaffirmation of existing policy	

(A) Policy Statement

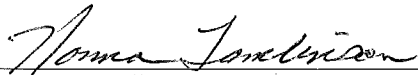


Blood will be drawn on a monthly basis from all persons on the deceased kidney waiting list or patients having a pending living donor kidney transplant.

(B) Purpose of Policy

To assure that the histocompatibility lab has fresh serum on all potential recipients for screening for panel reactive antibodies and for use in screening crossmatches at the time a donor organ becomes available.

(C) Procedure

1. Once a patient is listed as a transplant candidate, monthly serum drawn at the dialysis center is sent to the histocompatibility lab at UTMC. If the patient is not yet on dialysis, he will have his blood drawn in the UTMC Outpatient Laboratory or if living outside the area, mailers will be sent to the patient to have them get filled at a local lab and mailed back to UTMC tissue typing lab).
2. This blood is screened for panel reactive antibodies on a monthly basis.
3. This blood is also used to do screening crossmatches with decreased donor kidneys.
 - a. If the blood used for screening crossmatch is less than 72 hours, it is considered current and the decision to transplant or not will be made based on the results of that test.
 - b. If the blood used for the screening crossmatch is more than 72 hours or if the patient received a blood transfusion during this period, it is not considered current. The patient must have a fresh blood sample drawn and a final crossmatch will be done before a decision to transplant or not is made.
4. Each month the Histocompatibility Lab will inform the Renal Transplant Coordinator of those patients who blood was not received. The Renal Transplant Coordinator will follow up with appropriate dialysis and physician office personnel.
5. Screening crossmatches will not be done on blood more than three months old.

Approved by:	Review/Revision Date:
 _____ Norma Tomlinson, RN, MSN, NE-BC Associate Vice President Associate Executive Director	7/29/91 4/93 5/94 3/95 6/97 10/98 2/00 8/02 7/05 2/007 12/2007 1/9/2009 1/12/2010
 _____ Michael Rees, MD Director, Renal Transplant Program	2/12/10 Date
 _____ Steven Selman, MD Administrative Director, Renal Transplant Program	1/26/10 Date
<i>Review/Revision Completed By:</i> <i>Transplant Coordinator</i>	Next Review Date: 1/12/2013
Policies Superseded by This Policy:	