


Name of Policy: Autologous and Directed Donor Units Policy Number: 3364-108-205 Approving Officer: Senior Hospital Administrator Director, Blood Transfusion Service Responsible Agent: Blood Transfusion Service Supervisor Administrative Director, Lab Scope: University of Toledo Medical Center Pathology/Laboratory – Blood Bank		 Effective date: 03/07/2025 Original effective date: 06/1996	
Key words: Autologous, Directed, Reserved, Donation, Blood			
<input type="checkbox"/>	New policy proposal	<input type="checkbox"/>	Minor/technical revision of existing policy
<input type="checkbox"/>	Major revision of existing policy	X	Reaffirmation of existing policy

(A) Policy Statement

The Blood Transfusion Service specially monitors and restricts the availability of blood and components for patients when autologous or directed donations are ordered.

(B) Purpose of Policy

To assure that autologous and directed donations are utilized first and exclusively for patients requesting this special service.

(C) Procedure

- (1) *Abnormal disease marker testing* - units are handled according to ARC Memo dated June 25,1991 (Handling of autologous donor units with abnormal disease marker testing.) Units from donors with abnormal disease marker or history of disease or high risk behaviors that would result in deferral for routine blood donation will be labeled with “Blood/Body Fluid Precaution” label. Units from donors with confirmed reactive HBsAg and/or HIV testing will be shipped to UTMC only by written request of both the ordering surgeon and the BTS Medical Director.
- (2) *Receiving Autologous or Directed Donor units* -enter units into inventory as per BBIS procedure. Units will be crossmatched to the autologous recipient according to routine pretransfusion testing procedure.
- (3) *Storage* - Available (not crossmatched) autologous and directed donor units are stored on designated shelves in the Zone 6 (available inventory) refrigerator. Reserved (crossmatched) autologous or directed donor units are stored on the appropriate blood type shelf in Zone 3 (reserved inventory). Place auto/DD units in designated red containers in front of allogeneic units crossmatched for the patient to assure auto/DD units are used in the order stated below. Allogeneic units crossmatched for Auto/DD

patients shall bear a sticker stating “Patient has Autologous blood” or “Patient has Directed Donor blood” as appropriate.

- (4) *Issuing units*- write “AUTO PC” or “DD PC” as appropriate on the O.R. Delivery Record. Issue only autologous units first. Issue directed donor units next. Additional crossmatched allogeneic units must be held in the Blood Bank until specifically requested by the physician. Ensure autologous and/or directed donor units are transfused before issuing allogeneic units. Follow the same order of issue when units are released for transfusion on nursing units.
- (5) *Crossover* - Autologous units are reserved for the patient until expiration. No autologous units are “crossed-over” or released for allogeneic use. Units not transfused are discarded in biohazard waste. Directed donations are reserved for the designated patient unless released by the attending physician. Discard expired units in biohazard waste. Discard units in BBIS with disposition reason code EXPIRED.
- (6) *Billing* – Special Autologous donor charges are billed to the patient if the units are not transfused. Regular charges are billed for crossmatches and for products transfused.

(D) References

- (1) AABB Standards for Blood Banks and Transfusion Services, current edition.
- (2) Technical Manual, American Association of Blood Banks, current edition.

<p>Approved by:</p> <p>/s/</p> <hr/> <p>Lauren Stanoszek, M.D. Assistant Professor Director, Blood Transfusion Service</p> <p>3/1/2025</p> <hr/> <p>Date</p> <p>/s/</p> <hr/> <p>Russell Smith Pharm D, MBA, BCPS, CPEL, FACHE Senior Hospital Administrator</p> <p>3/7/2025</p> <hr/> <p>Date</p> <p><i>Review/Revision Completed by:</i> Danielle Weilnau MLS(ASCP)^{CM}</p>	<p>Policies Superseded by This Policy:</p> <ul style="list-style-type: none"> • <i>None</i> <p>Initial effective date: 06/1996</p> <p>All Review/Revision Dates:</p> <p>6/92 1/98 3/99 11/99 2/05 2/07 6/9/2008 03/22/2011 03/01/2013 3/2/2015 3/1/2017 3/1/2019 3/1/2021 3/20/2023 03/07/2025</p> <p>Next review date: 03/07/2027</p>
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