


Name of Policy: Inventory of Blood and Blood Components Policy Number: 3364-108-203 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: 03/7/2025 Original effective date: 10/1986	
Key words: Blood Inventory, Component Inventory, RBC, Cryo, Platelet, FFP			
<input type="checkbox"/>	New policy proposal	<input type="checkbox"/>	Minor/technical revision of existing policy
<input type="checkbox"/>	Major revision of existing policy		Reaffirmation of existing policy

(A) Policy Statement

The Blood Transfusion Service will maintain an inventory of blood and components adequate to meet the needs of UTMC patients.

(B) Purpose of Policy

To provide adequate supplies of safe, viable blood and blood components to meet immediate needs, and to provide a means of meeting emergency or unusual demands, when necessary.

(C) Procedure

- (1) Inventory of available blood products is tallied daily. Orders for additional stock may be generated by comparing the current inventory with the minimum inventory levels listed below. Blood and blood components may be ordered 24 hours/day, seven days a week from Western Lake Erie American Red Cross Blood Services.
- (2) In the event of sudden increased blood usage or disaster, notify ARC immediately of the anticipated need for blood so that inventories at area hospitals may be transferred, if required, or import orders from other regions may be initiated.
- (3) A visual inspection (seals intact, abnormal color or appearance, temperature maintained, labels affixed and legible) is performed upon receipt of products. Sign the ARC shipping log as documentation of inspection and acceptance. Products are also inspected daily during inventory and when released for transfusion.
- (4) Discard units unsuitable for transfusion (expired, hemolyzed, leaking, contaminated, clotted, etc.) into biohazardous waste containers. Enter appropriate disposition code into BBIS.
- (5) Request credit for units unsuitable for transfusion by completing credit request in BloodHub. If ARC requests return of the units, complete a Return Authorization Form and fax to ARC for documentation of return approval and return instructions.

Minimum Inventory Levels and (“normal” maximum inventory level)

Blood Type	O pos	A Pos	B Pos	AB Pos	O Neg	A Neg	B Neg	AB Neg
RBC Routine	30 (50)	30 (40)	10 (20)	3 (4)	16 (24)	15 (20)	0 (2)	0
RBC Disaster	50	50	20	3	20	16	6	0

Blood Type	O	A	B	AB
FFP	16 (40)	16 (40)	8 (20)	16 (20)

Apheresis Platelets (ANY BLOOD TYPE – 1 (2))
Cryoprecipitate pools of 5 (ANY BLOOD TYPE) - 10 (15)

(D) References

- (1) Current Edition AABB Technical Manual.
- (2) Current Edition, Standards for Blood Banks and Transfusion Services, AABB.

<p>Approved by:</p> <p>/s/</p> <p>_____</p> <p>Lauren Stanoszek, M.D. Assistant Professor Director, Blood Transfusion Service</p> <p>3/1/2025</p> <p>_____</p> <p>Date</p> <p>/s/</p> <p>_____</p> <p>Russell Smith Pharm D, MBA, BCPS, CPEL, FACHE Senior Hospital Administrator</p> <p>3/7/2025</p> <p>_____</p> <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: 10/1986</p> <p>All Review/Revision Dates:</p> <p>6/96 6/97 1/98 2/99 12/99 8/02 1/05 6/9/2008 03/22/2011 03/01/2013 3/02/2015 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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