

## BLOOD BANK TIP SHEET

Term	Definition	Need To Know
Type & Screen <i>Good for 72 hours</i>	Identify blood type (ABO/Rh) and screen for antibodies	Apply Fenwall armband, send EDTA and red top tube with Fenwall sticker & band tail <i>Does not include crossmatch</i>
Crossmatch <i>Good for 72 hours</i>	Identify compatible blood units for patient	Positive antibody screen means it may take longer to find compatible units
Type & Screen and Crossmatch <i>Good for 72 hours</i>	Identify blood type (ABO/Rh) Screen for antibodies Identify compatible units	Crossmatched units are removed from general inventory and sequestered for a specific patient <i>Units are released back to general inventory after 72 hours</i>
Transfuse	Give the crossmatched blood to patient	Always requires separate order
CMV negative	Donor is negative for CMV antigen, may be difficult to obtain	Reserved for pediatric and immunocompromised patients
Irradiated	Radiation used to inactivate T-cells	Reserved for pediatric and immunocompromised patients
Massive transfusion (MTP)	Pack includes 4 RBC, 4 plasma, 1 Plt	Pt must be registered Physician must sign emergency authorization
Emergency release	One O-negative unit	Pt must be registered Physician must sign emergency authorization
Blood cooler	Slots identified to keep MTP blood components at optimal storage temperature	RBC stored at 1-6° C Plasma stored at 1-6° C Plt stored at room temperature
Spiking	Infusion must begin within 30 minutes of unit leaving Blood Bank	If infusion is delayed return unit to blood bank promptly so it is not wasted
Complete transfusion	Complete within 4 hours of unit leaving Blood Bank	Important to prevent infection
Tubing limits and Filter limits	<i>Change after 12 hours (best practice)</i>	Important to prevent infection