

Index Table for special need blood ordering

Diagnosis	Special Needs
ECMO \leq 4 months (CMV- if specified on TPR)	IRR+, HGS ⁻¹⁰ , LP, \leq 7days, Pol 4.01
> 4 months (CMV- if specified on TPR)	LP, \leq 7 days, Pol 4.01
Newborn / Infants (CMV- if specified on TPR)	
\leq 4 months	LP, IRR+, HGS-
IUT (intra-uterine transfusion) (Pro 3.02) antigen neg for offending antibody	CMV-, IRR+, HGS-, LP, Odry, <5 days, Rhneg, ABFFP
Pregnancy	CMV-
Hematologic Diagnoses (lymphomas, leukemias, aplasia)	
ALL (acute lymphocytic leukemia)	CMVT ¹ IRR+ LP
AML (acute myeloid leukemia)	
APL (acute promyelocytic leukemia)	
Aplastic Anemia, Aplasias, Pancytopenia ² , Fanconi's anemia	
AMML (acute myelomonocytic leukemia)	
CML (chronic myeloid leukemia)	
CLL (chronic lymphocytic leukemia)	
Lymphoma (Hodgkin's, non-Hodgkin's, T-Cell)	
MDS (myelodysplastic syndrome)	
Myelofibrosis, MLD (Myeloid/Lymphoid Disorder)	
Multiple myeloma	
Others ³	
Bone Marrow Transplant Recipients	
All ages	CMVT ¹ , IRR+, LP
PNH (Paroxysmal Nocturnal Hemoglobinuria)	CMVT ¹ , IRR+, LP, TSP ⁴
Sickle Cell Anemia	LP, HGS-, < 14 days, Phenosim ⁷
Thalassemia	LP, ADSOL, < 14 days, Phenosim ⁸
Hemoglobinopathies (Hemoglobin C, SC, E)	LP
Cancer patients < 18 yrs old (non-hematological)	CMVT ¹ , IRR+, LP
Cancer patients > 18 yrs old (non-hematological)	LP
Solid Organ Transplant Recipients	
Kidney, Liver-Kidney, Pancreas:	CMVT ¹ , LP
Heart, Lung, Heart-Lung	CMVT ¹ , LP
Liver: < 18 years old	CMVT ¹ , NIRR ⁵
Liver: \geq 18 years old	No special needs
Small Bowel, Stomach; Small Bowel/Stomach and Liver	CMVT ¹ , LP IRR (except in OR – NIRR during transplant) ⁵
All Transplant Donors (including BMT and Solid Organ Donors)	CMV-, LP
SCID⁶, DiGeorge Syndrome, Immunodeficiency	CMV-, IRR+, LP
HIV/AIDS	CMVT ¹ , IRR+, LP
IgA Deficiency with anti-IgA⁹	IgA neg, 2 Liter WSH, NOPP
Patients with HLA Antibodies	LP
Patients with HPA (PI^A) Antibodies or PTP	LP, WSH RBCs, HPA (PI ^A) neg plts

1. CMVT: CMV- if patient is CMV seronegative or CMV status is unknown; CMV untested if patient is CMV positive.
2. Pancytopenia: Have new pancytopenia 'diagnoses' investigated by TS MD. Give LP, CMV compatible, IRR+ while awaiting final decision.
3. Others: Includes all other heme or lymphoma-type malignancies such as mycosis fungoides, and anything marked "leukemia" or "lymphoma"
4. TSP: Type Specific Products
5. NIRR = non-irradiated RBC's while in OR during transplant only; remove after transplant. Disregard NIRR for patients with DD RBC's.

6. SCID = Severe Combined Immunodeficiency Disease
7. Phenosim for sickle cell anemia = Phenotypically matched RBCs for E, C, K
8. Phenosim for Thalessemia = Phenotypically matched RBCs for E, e, C, c, K (for Thalessemia major only, not for Thalessemia trait).
9. Give IgA neg, WSH, NOPP to IgA deficient patient until result of their anti-IgA test is received.
10. For partial aliquot transfusion, HGS- may be waived.