



Laboratory Technical Bulletin

Date: 12/13/22 **Effective Date:** 12/13/22

Title: CMV Negative Blood Products

Test: Crossmatch and Transfusion of Blood products

Explanation of change:

When ordering Blood for a transfusion if 'Yes' is selected for Cytomegalovirus Negative Blood then a reason will be required to assure the patient is a candidate for CMV negative Blood. The Patient must meet all criteria to receive CMV Negative Blood.

***Note:** All Packed RBCs stocked in the CMC Blood Bank are Leukocyte Reduced. Leukocyte Reduced products are considered "CMV Safe".
CMV Negative blood is not stocked in the CMC Blood Bank and will require additional time to acquire from the American Red Cross.

CMV Negative Criteria:

- Allogenic Bone Marrow Transplant & CMV Seronegative
- Bone Marrow Transplant Candidate & CMV Seronegative
- Acute Leukemia & CMV Seronegative
- Pregnant & CMV Seronegative
- Low Birthweight Neonate

See attached "CMV Order Changes"

Date 12/13/22
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Date 12/13/22
Michelle Walters, Laboratory Director

Date 12/13/22
Emilie Curren, Blood Bank Supervisor

CMV NEGATIVE REQUIRED ORDER CHANGES

(RBC and Platelet orders)

When you enter the ordering screen, the CMV Negative Blood Required question will default to No and will display a message regarding not available on site and will take additional time to acquire the product as well as the indications for CMV negative product.

* Cytomegalovirus Negative Blood Required

** CMV Negative Products are not available in house, and therefore, will take additional time to acquire for transfusion from American Red Cross. **

** CMV Negative Transfusion Indications **

- Allogeneic bone marrow transplant AND CMV seronegative
- Bone marrow transplant candidate AND CMV seronegative
- Acute leukemia AND CMV seronegative
- Pregnant AND CMV seronegative
- Low birthweight neonate

If you manually change the answer to Yes, an additional Reason question will appear and is required.

* Cytomegalovirus Negative Blood Required

** CMV Negative Products are not available in house, and therefore, will take additional time to acquire for transfusion from American Red Cross. **

** CMV Negative Transfusion Indications **

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Name	Mnemonic
Bone Marrow Transplant	1
B Marrow Transp Candidat	2
Acute Leukemia	3
Pregnant	4
Low birthweight neonate	5
Other	7

* Reason CMV Neg Required (Seronegative Patients/Neonate Only)