**Purpose**: This document describes the process of Emergency Release of Red Blood Cell (RBC) components when the patient’s status requires release of RBCs prior to completion of compatibility testing.

**Process:**

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|  | **Action** | **Related Documents** |
| **1** | * Perform clerical check and resolve any discrepancies: * Specimen label against request and computer entry | * Blood Bank Inquiry * Order Entry in Sunquest |
| **2** | * Determine specimen acceptability. | * Sample Acceptance Evaluation |
| **3** | * Confirm that processes and attributes on the: * Blood request are entered into the patient computer record * Patient computer record information is recorded on the blood request | * Order Entry in Sunquest |
| **4** | * Review Patient Comments. * Determine if autologous or directed components are available. | * Blood Order Processing in Sunquest |
| **5** | * Complete patient specimen test “History Check”. |  |
| **6** | * Determine applicable testing profile * 2nd ABO/D required on patients with Unknown blood type or no serologic result history of previous ABO/D testing * Previous antibody screen results * Autologous battery: go to Autologous Process | * Auto Unit Allocation Process |
| **7** | * Adjust test profile. |  |
| **8** | * Complete ABO/D testing. * Set up antibody screen. | * ABO/D by Tube Method * ABO Discrepancy Resolution * Antibody Screen by LISS Tube IAT * Antibody Screen by Automated Method |
| **9** | * Select appropriate donor units in this order: * **Autologous** are always sent first * **Directed** are sent next * **Allogeneic** units are 3rd choice | * Selection of Red Cell Units * Autologous Process * Directed Process |
| **10** | * Allocate selected units. |  |
|  | **Action** | **Related Documents** |
| **11** | * Add unit test: CM (unit tag comments) * Result CM: EMERGENCY RELEASE |  |
| **12** | * Inspect unit and complete unit test “TS”: * Acceptable: continue to next step * Unacceptable: Remove unit from order and quarantine. | * Inspection of Blood Components * Quarantine |
| **13** | * **SAVE.** Branch to BPI appears in pop-up window |  |
| **14** | * Click Emergency Issue to print Transfusion Record Form. * Review Transfusion Record Form for legibility and completeness. * Apply UNXM sticker to HMC Transfusion Record * Complete Blood Product Issue:   + Have Lead Technologist/Technologist in charge Override QA warnings: “Patient specimen testing complete” and “Unit Allocation Testing Override Comment required:   + EMR (Emergency release, UNCROSSMATCHED)     - Apply Unit Tag (Transfusion Record form) to unit. | * Blood Product Issue * Transfusion Record Form |
| **15** | * Apply UNXM sticker to unit |  |
| **16** | * Complete Physician Acceptance form. * Timestamp BCR and transport units to patient care area. | * Request for Urgent Blood Product Release Form |
| **17** | * Complete antibody screen. | * Antibody Screen by LISS Tube IAT Method * Problem Resolution |
| **18** | * Perform applicable crossmatch test * Antiglobulin * Immediate Spin | * Crossmatch by LISS Tube IAT * Crossmatch by Tube IS |
| **19** | * Allocate unit. |  |
| **20** | * Add unit test: CM (unit tag comment) * Result CM: Post-Issue crossmatch * Add unit Test UR and reprint the Unit Tag. |  |
| **21** | * Unit tag will print. File unit tag for pick up and scanning by HIM |  |
| **19** | * File PA form. | * Request for Urgent Blood Product Release Form |
| **20** | * Store patient sample |  |

**References:**

Standards for Blood Banks and Transfusion Services, Current Edition. American Association of Blood Banks. AABB Press, Bethesda, MD.

Blood Bank User’s Guide, Misys Laboratory