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| **Ordering a Crossmatch on the IH-Reader 24** |
| **Purpose** | This procedure provides instructions to ensure that a crossmatch test is ordered correctly and the units to be crossmatched are assigned appropriately. |
| **Policy** | Refer to TS 3.4 Crossmatch Process-Red cell Orders for Patients over 4 months old for general policy statements related to compatibility testing, selection of compatibility testing method, and red blood cell selection.* An antiglobulin crossmatch is required for all red cell transfusions in patients who currently demonstrate or have a history of clinically significant antibodies.
* Donor units that are antigen negative to the clinically significant antibody(s) shall be selected for compatibility testing.
* An Immediate Spin Tube Crossmatch (TS 4.21) must be performed in conjunction with an AHG Gel Crossmatch during Sunquest system downtimes to verify patient/Donor ABO compatibility.
* Crossmatching performed by MBC does NOT need to be repeated at Children’s Minnesota
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| **Procedure** |  |
|  | **Step** | Action |
|  | 1 | For a crossmatch order when the donor unit numbers are not transmitted from the connected LIS, the donor units must be assigned manually in IH-Com. |
|  | 2 | Select the ‘Work list’ tab in IH-Com |
|  | 3 | Click on the Quick Request button. |
|  | 4 | Select crossmatch from the test menu, click on how many crossmatchs that need to be performed. |
|  | 5 | Scan in patient sample barcode and click close. |
|  | 6 | The ‘Assign Donations’ button will be flashing once an order for a crossmatch is received or entered and the donor units need to be assigned.. |
|  | 7 | Select the ‘Assign Donations’ button to open the ‘Assignment of Donations’ window.1. Scan the unit barcode into the ‘Donation barcode’ field or input the number manually.
	1. If inputting the unit numbers manually, it is necessary to select the ‘Assign’ button after each unit number has been entered.
2. Continue to scan remaining units to assign. Once all units have been assigned select the ‘Save’ button.

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|  | 8 | The donor unit numbers are no=w displayed next to the test in the Work list window. |
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| **References** | 1. IH-Com User Manual NA V1.2-02/2021, Chapter C, Section 4.4.3
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| **Approval****Workflow** | Transfusion Service/Lab director |
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| **Historical Record** | **Version** | **Written/Revised by:** | **Effective Date:** | **Summary of Revisions** |
| 1 | S. Cassidy | 02/17/2023 | Initial Version |