## Performing Add on Crossmatches

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| Purpose | To provide instructions on how to verify patient identification and add additional RBC units to an in-date TS or XM order. |

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| Policy | * EPIC applies preset rules to the crossmatch order set to automatically select the correct order. (XM or ADDXM). ADDXM is not an orderable code outside of the order set. * In order to add units to previously tested sample, the original sample must meet specimen age requirements and the patient identifiers on the ADDXM order must match those of specimen tested. * Changes made to patient name in accordance with policy established for Trauma, No info and Unidentified naming conventions are acceptable. |

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| Procedure |  |

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| Step | Action | | | |
| 1. | XM or ADDXM order is received. | | | |
| 2. | Look patient orders up by medical record number for previous 5 days in Blood Order Processing. | | | |
| 3. | Does patient have a TS or XM order that has not expired? | | | |
|  |  | **If:** | **Then:** |  |
|  |  | No | * XM order needed to collect new sample * Proceed to Type and Crossmatch procedure |  |
|  |  | Yes | Proceed to next step |  |
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| 4. | What order code was received?   |  |  | | --- | --- | | If: | Then: | | ADDXM | Proceed to next step | | XM | * Verify that patient is wearing BB armband and that the number matches our card. * If no, have sample recollected and process new XM order. * If yes, cancel XM order using reason code CRNEW * Reorder ADDXM in SQ * Add BBC comment * Answer with free text “Corrected order code. See Acc number X for physician order” * Proceed to next step | | | | |
| 5. | Review patient history and antibody screen results for current specimen. Does patient qualify for Electronic Crossmatch? | | | |
|  |  | **If:** | **Then:** |  |
|  |  | No | * Pull patient sample from appropriate storage rack. * Compare patient identification on patient sample to add on order in computer. See *Specimen Identification Verification* for instructions. |  |
|  |  | Yes | * Pull original Blood Bank band paperwork form active file. * Compare patient name and medical record number from blood band sheet to add on order. * Compare blood bank band number entered in original order to the band number on the blood band sheet. |  |
|  |  | | | |
| 6. | Do name, medical record number and blood bank armband number match? | | | |
|  |  | **If:** | **Then:** |  |
|  |  | No | Proceed to next step |  |
|  |  | Yes | Skip to step 7 |  |
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| 7. | If no, what is the source of error? | | | |
|  |  | **If:** | **Then:** |  |
|  |  | Name change (other than those deemed acceptable in Trauma, No Info and Unidentified naming conventions) or medical record number changed | * Notify RN that due to patient name change, new sample is required * Cancel ADDXM order using reason code CRNEW * Reorder XM in SQ * Add BBC comment * Answer with free text “Corrected order code. See Acc number X for physician order” * Proceed to next step |  |
|  |  | Blood bank armband number entered into computer does not match blood band sheet/sample tube | * Proceed to next step |  |
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| 8. | Was original testing performed on ECHO?   |  |  | | --- | --- | | If: | Then: | | Yes | Search the ECHO on board file for the CID number on the test tube | | No | * Repeat on same sample any test that was manually performed * Revise the BB armband number in the computer * Proceed to step 9 | | | | |
| 9. | Was the CID number found in the ECHO file and did it match the one the sample tube   |  |  | | --- | --- | | If: | Then: | | Yes | * Revise the BB armband number in the computer * Proceed to the next step | | No | * Repeat on same sample any test that had been performed manually or where CID on file did not match one on tube. * Revise the BB armband number in the computer * Proceed to the next step | | | | |
| 10. | Access the ADDXM order in computer. | | | |
| 11. | Review order for quantity and special requirements. | | | |
| 12. | Answer the test prompts as follows | | | |
|  |  | **If:** | **Then:** |  |
|  |  | RN | Enter Blood bank armband number from original specimen |  |
|  |  | HX | Yes History=H  No History=h |  |
|  |  | UO | Enter number of units ordered |  |
|  |  | | | |
| 13. | Add BBCNC comment. Answer with “Added to [Acc. Number of original order]”. | | | |
| 14. | Open original TS or XM order. | | | |
| 15. | Edit UO to include number of additional units ordered. | | | |
| 16. | Add PB and BBC comment for attributes if new special requirements in ADDXM order. | | | |
| 17. | Allocate appropriate number of units. | | | |
| 18. | Perform testing using appropriate compatibility method. Refer to technical procedure for instructions. | | | |

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| Related Documents | * Specimen Identification * Specimen Identification Verification * Determining Specimen Acceptability for Transfusion Service Testing * Determining Compatibility Testing Method * Performing an Electronic Crossmatch * Processing Assays on the ECHO Analyzer |