Processing Add on Crossmatch (ADDXM) Orders

PURPOSE

To provide instruction on how to appropriately result orders for additional crossmatches (ADDXM).

POLICY

- Preset rules in Epic only allow clinicians to select ADDXM when an in-date/active TS or XM order already exists under the current encounter in Epic *until after the draw **time*** of the original specimen. Epic removes ADDXM as an option after the draw **time** on the third day after specimen collection despite specimen expiration of 2359 in Sunquest (SQ). Clinicians ordering additional units after the draw time of the original specimen will generate an XM order instead of ADDXM in SQ.
- If a TS/XM was drawn under a different *encounter* in Epic, ADDXM option will not be available to clinicians. This will generate an XM order instead of ADDXM in SQ when units are ordered.
  - Example: Patient TS specimen was collected as a lobby draw (outpatient) prior to date of surgery and units are being ordered in PACU on day of surgery (inpatient).
- In order to add units to a 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 identifiers in accordance with policy (i.e. trauma, Doe, etc.) or due to identifier updates after admission are acceptable as long as a PB has been added indicating the identifiers used when specimen was drawn.
  - Note: Aliases added into BAD file as a PB **must** be trackable in EHR.

XM order in Epic	▼ CROSSMATCH AND TRANSFUSE PRBCs ▶ CROSSMATCH AND TRANSFUSE PRBCs (Needing Type and Crossmatch)
ADDXM order in Epic	▼ CROSSMATCH AND TRANSFUSE PRBCs ▶ CROSSMATCH AND TRANSFUSE PRBCs (Add Additional Units Here – Already Has Type & Screen/Cross order)

PROCEDURE

Step:	Action:
1.	When ADDXM order is received, access the active TS/ XM order by looking patient up by medical record number in *Blood Order Processing* (BOP) and selecting *Search All* to display all orders. • If no active TS or XM order exists, notify nursing unit of need for order and specimen collection. Use the ADDXM order in conjunction with new specimen once testing is completed.
2.	Compare ADDXM order to BOP to verify patient identification. • If identifiers do not match, see *Troubleshooting* section below
3.	Access ADDXM order in BOP and result: • UO: number of units ordered • HX: YH Note: History will always be YH due to the ABORh, antibody screen, and confirmation all having been performed prior to resulting ADDXM.
4.	Review order and patient history for special requirements and select appropriate units and crossmatch methodology. • Add PB and/or PI comments as needed for new requirements.
5.	After appropriate crossmatch is performed, allocate units to original TS/XM accession and change the number of units ordered (UO) to reflect the addition.

TROUBLESHOOTING

If:	Then:
XM order is received when active TS/XM order is already in place.	• Verify with RN that existing sample will not expire before the time the unit is needed for transfusion. • If units will be needed after current specimen expiration, have sample recollected and process new XM order. • If sample doesn't expire prior to time of transfusion, order ADDXM in SQ. • Add **BBC** to the ADDXM order: "*Corrected order code. See physician order from **date** and **time**.*" • Cancel XM order using reason code **CRNEW.** Free text reference to ADDXM accession: "*See accession # for corrected order.*"

Patient identifier(s) does not match between order and original specimen.	• Check the following for a name that matches the original specimen *using the **MRN** on the ADDXM* order to verify patient identity:
	  ◦ In SQ: Search for patient by the MRN in BOP and prior to entering the patient's file, check *AKA Name* and *Real Name*.
	  ◦ In Epic: enter patient MRN into *Pt Station*. Prior to entering patient chart, verify patient identifiers under birthdate and *Aliases* sections.

If:	Then:
Matching identifiers are found in SQ and/ or Epic	Add **dated PB** to document alias present on original specimen label: "*MM/DD/YY* aka *SMITH, JANE* dob *MM/DD/YY*"
Unable to find matching identifiers/verify patient identity	• Notify RN of need for new specimen due to identification discrepancy • Add **BBC** to original accession indicating reason for expiration and need for recollect, then expire accession (T-1) • Order XM for new specimen collection, indicating appropriate priority • Cancel ADDXM order using reason code CRNEW. Free text reference to XM accession: "See accession # for corrected order."

Attachments

No Attachments

Approval Signatures

Step Description	Approver	Date
Laboratory Director	Lindsey Westerbeck: Director, Laboratory Services	pending

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