**Purpose**

This procedure provides instructions for the Order Entry Process in HMC TSL, which includes the following:

* Computerized Provider Orders (CPOE), which print in TSL
* Manual Orders using HMC form 2596, Transfusion Services Testing and Blood Product Request Form
* Entry of orders into SQ using Lab Order Entry
* Receipt of orders in SQ
* Triage of orders in TSL

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| **Step** | **Actions** | **Related Documents** |
| **IF** | CPOE Order Prints in TSL:   * Timestamp order * Perform SQ inquiry: * Review patient information found in BBI and/or LI * Check for a blood type on file, and, if needed, for a current sample in TSL that is acceptable and valid for testing * Determine if order is for additional product that can be added onto an existing order * Notify clinical care staff if a sample is required for testing * Request order clarification from clinical staff * Notify CT staff of patients with antibody history * Triage order by order type and urgency * Place orders waiting for sample collection in organizer beside the printer * Hand-off to CT Tech for blood order processing update * Place duplicate orders in Completed Order file | * Using Blood Bank Inquiry (BBI) in SQ * Laboratory Inquiry |
| **IF** | IF sample and/or order is received in Transfusion Services:   * Time stamp request form * Perform sample acceptability evaluation.   + If sample or order is not acceptable, follow the related procedures.   + If the sample or order is acceptable, proceed. | * Sample Acceptance Evaluation * Sample Rejection Process |
| **Step** | **Actions** | **Related Documents** |
| **1** | * Check the patient history and check for valid in-date specimen. Look for any patient history by reviewing information found in BBI and LI. Check for a blood type on file, and, if needed, for a current sample in TS that is acceptable and valid for testing. * Check if previous in date sample is labelled with Doe name and update SQ with changed name. * Check for Patient requirements, i.e. LR or IRR etc. | * Using Blood Bank Inquiry (BBI) in SQ * Laboratory Inquiry * Updating Patient Demographics in SQ to match EPIC |
| **2** | **New Order/No Current Sample**   * Time stamp request form. * Open Order Entry and scan or type in the patient HID. The highlighted blue area will give you the patient information. Compare patient information on sample, requisition, and screen information. * NOTE: Check for any entries under User Defined Fields (i.e. SCCA: CCAR) at the far right of the highlighted blue area and note entry on paper requisition.      * The bottom of the screen will list the active events or episodes of the patient listed above. Choose the correct event by double clicking. If one event listed, you may use the Select key to continue. |  |
| **3** | **Creating a new order from a paper requisition using Lab Order Entry**   * Enter location (if different), collected date and time, received date and time, the ordering physician, and the test code ordered. The required fields are highlighted yellow. Use the search key if unsure of code for each entry. If no sample (i.e. FFP order) use U for unknown in the collected time. * Click Assign to give an accession number to each order. Click on SAVE. . |  |
| **Step** | **Action** | **Related Documents** |
|  | * The next screen will ask what sample is required. Route the sample (defaults to Pink top or No Tube but can be changed if needed) which will print accession and CID labels. * Put the accession label on the paper requisition and the CID label on the tube. * If sample received, centrifuge it and notify the technologist that order needs to be processed.   If order is for components, then notify person in secondary processing of request |  |
| **4** | **Expand an existing order to add new testing**   * If an order occurs and there is a current in-date sample in TS, then an additional order can be added to it. (Example: current Type and Screen and crossmatched units are requested.) * Print or use paper requisition for test/component request and time stamp for receipt. * Reprint the accession label or CID label * Place accession label on paperwork. * If order is for cellular products, locate the sample in the refrigerator that corresponds to that label and request. Notify technologist that order needs to be processed. | * Blood Order Processing – TSCR (Type and Screen) * Blood Order Processing – TXM |
| **5** | **Creating an order for duplicate samples**   * Occasionally a second sample is requested or received: * Additional volume is required for testing either to send out or complete in-house. * Duplicate samples are drawn unintentionally. * In order to track the sample, but not create a charge, an XPINK test is ordered and an accession label is created. * Open Order Entry and enter collection date and time, and received date and time. * Enter Order Code XPINK. * Print Accession Label and affix to sample. * Store the sample per SOP. | * Sample   Management  Process |
| **6** | **Creating an order from XPINK**   * If an order occurs and there is a current in-date blood bank XPINK sample in TS, the sample can be used but a new accession must be ordered. * Receive requisition and time stamp. * Locate XPINK sample in refrigerator before placing new order in computer. |  |

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| **Step** | **Action** | **Related Documents** |
| **6**  **Cont** | * Open Order Entry. Check location from requisition to see if update is needed for the order. * Enter date and time collected that reflects when the XPINK tube was drawn. The received date and time should correspond to the current order. * Order the test requested, and in the Modifier box select code SIL (sample in laboratory) with the free text entry of XPINK and accession number (XPINK ACC12345). * Label the tube according to guidelines to allow both labels to be partially visible. * Notify technologist that order needs to be processed. |  |

**References:**

AABB Standards for Blood Banks and Transfusion Services, Current Edition