



## C&W Laboratory

## CST Cerner Tips for Placing Lab Orders

As we prepare to transition from paper lab requisitions to computerized physician order entry (CPOE) at CST Cerner go-live, we've assembled a few tips, tricks and updates you will want to keep in mind when placing laboratory orders in Cerner.

### To minimize the number of times blood is collected from a patient:

- ✓ Look at previously placed, pending orders and align your requests to be collected at the same time to reduce the number of blood collections experienced by the patient
- ✓ Use the collection priority of **Routine** or **AM draw** to group your requests with regular rounds times
- ✓ Use **Lab-Add On Test** to add orders on previously collected specimens  
Do not place a **STAT** or **Urgent** order, as this will prompt a new blood collection

*Please remember that providers placing orders are responsible for appropriately indicating the collection priority and details.*

### To ensure specimens are collected:


- ✓ Place **ACTIVE** orders by '**signing**' your orders, so blood collectors are notified of a specimen collection request
- ✓ Correctly specify who will be performing the specimen collection
  - Ward staff will collect the specimen (Unit Collect=YES)
  - Patient has a line for bloodwork (Unit Collect =YES)
  - Laboratory staff (Unit Collect=NO)
- ✓ Save **STAT** and **Urgent** orders for clinical scenarios that require them  
*If blood collectors are rushing to collect blood urgently, they aren't available to collect specimens from other patients.*

### When collecting blood or other specimens:

- ✓ Refer to the CW Lab manual (eLab) for collection requirements: <http://www.elabhandbook.info>
- ✓ For staff using Sunquest Clinical Collect: Print the labels after specimens have been collected  
If label print time differs from collection time, *write* the actual collection time on the label  
Send un-used labels to the lab, along with the specimens  
Be sure to click 'Done-EXIT' when the collection process is complete
- ✓ Affix labels to the collected specimens at the patient bedside  
Do this before leaving the patient, and verify that info on the specimen is indeed correct!  
*Unlabeled specimens cannot be received or processed by the lab*

- ✓ Send the specimen to the lab right away
  - It's your responsibility to get the specimen to the lab
  - You can check the status of an order: InProcess (received) means the specimen is in the lab
- ✓ If not using Sunquest Clinical Collect remember to mark the nurse collect task in Cerner as 'complete' when collection is complete (if applicable) or ensure the lab order has been placed as Unit Collect = YES, Collected = YES
- ✓ Hand-label specific Transfusion Medicine Samples:
  - Group and Screen specimens collected without using Sunquest Clinical Collect
  - Neonatal Investigation specimens

#### To ensure testing is performed:

- ✓ Ensure all specimens are sent labeled with a minimum of 3 unique patient identifiers
  - Unlabeled specimens will not be tested; the lab will not know where/who they came from
- ✓ Review lab tests that have already been ordered and follow duplicate checking warnings
  - The ordering and lab systems check for duplicate requests and may cancel or combine them
- ✓ Some tests may require special approval or consultation prior to testing:
  - Instructions are detailed in the reference text  and eLab <http://www.elabhandbook.info>
  - Complete all required consultation, paperwork and other documentation and submit with the specimen, for testing to proceed
  - Some testing may only be available on certain days or at specific times
- ✓ If a test is not listed in the Cerner Order Catalogue, use a LAB-Miscellaneous test to request it
  - The following miscellaneous orders are available for use:
    - LAB-Miscellaneous Genetic Out of Province/Country test – use for send-out genetic tests handled by BCCW Division of Genome Diagnostics
    - LAB-Miscellaneous Test (Blood) – use for non-genetic tests performed on blood specimens
    - LAB-Miscellaneous Test (Non-Blood) – use for non-genetic tests performed on all other specimen types
  - Ensure you specify the requested test and include your contact information so lab can reach you

#### If you need to cancel an order:


- ✓ Lab orders can be cancelled in CST Cerner if their status is Ordered or Ordered(pending collection)
  - If a sample has already been collected, please call the lab to cancel testing
- ✓ For blood products you must cancel/discontinue BOTH the
  - Administer- [blood product] Transfusion** order AND the **LAB-[blood product] Prepare** order

#### If you experience difficulties when dealing with lab orders:

- ✓ Contact CST Clinical support (red shirts)
  - Laboratory staff cannot help troubleshoot CPOE orders; they do not have the same CST Cerner access and do not place orders themselves

### Some ordering practices will change a little:

Some tests require a speciality requisition to accompany the specimen.

- Reference text (indicated by a  icon ) and/or prompt at order entry will provide this information and link to the required paperwork
- Submit this paperwork with the specimen to ensure the testing can be processed

Outpatients coming to the blood collection lab **MUST** bring their Cerner requisitions with them.

- Future-orders will be activated by lab staff when patients arrive, based on dates and orders outlined on the print-out

Some tests have been grouped into panels.

- Pay attention to the components contained in the panels so you don't order the same test multiple times

Some tests have been grouped into modules to make them easier to find them.


- Use the prefix 'Lab-' in the order catalogue to access these, including:  
Urine Lab Tests, Fluid Lab Tests, Genetic Tests, Allergy tests

**Urine culture** cannot be reflexed based on urine dipstick results.

- If you might need a culture with a urinalysis order, you **MUST** place BOTH a Urinalysis order AND a Urine Culture order
- Please send separate containers for the urinalysis and culture specimens when possible

Point-of-care (POC) testing orders are NOT interchangeable with testing done in the main lab.

- POC orders are not collected by lab staff
- For non-POC lab orders, specimens must be sent to the lab for testing

Blood gas orders consist of a panel of tests; refer to the reference text (  ) for contents of each panel.

When ordering blood gases:

Use the following order	When the blood will be	Collected by	Analyzed by
<b>Arterial Blood Gas Plus</b>	From an arterial collection	Ward staff	Core lab
<b>Venous blood gas</b>	Peripheral line or venous blood collection	Ward staff or lab staff	Core lab
<b>Capillary blood gas</b>	Capillary collection	Ward staff or Lab staff	Core lab
<b>POC Arterial Plus Blood Gas</b>	From an arterial collection	Ward staff	RTs on ward
<b>POC Venous Plus Blood Gas</b>	Peripheral line or venous blood collection	Ward staff	RTs on ward
<b>POC Capillary Blood Gas</b>	Capillary collection	Ward staff	RTs on ward

Please note, orders for Mixed Venous Blood gases are also available for use if blood is sampled from the pulmonary artery.

The process for ordering **Bone Marrow Biopsy and Aspirate** testing has been streamlined.

**Pediatric Blood Culture Request CWH** order facilitates weight-based blood culture specimen collections.

- CST Cerner will use the patient's measured weight to determine which blood culture bottles are needed, when collection is performed using Sunquest Collect
- To determine the volume of blood to collect, and how much to put in each bottle, see the Pediatric Blood Culture Guide on SHOP

**Maternal Investigations (MI)** required as part of Neonatal Investigation (NI) workup, will be ordered and arranged by the Transfusion Medicine Lab.

Umbilical **Cord Blood Gas** order names have been enumerated (A-F) for use with multiples.

- For singleton births, use: **Arterial Cord Gas, baby A** and **Venous Cord Gas, baby A**

*This is not an exhaustive list of changes, but summarizes some of the key changes to lab orders.*