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ORDERING & REPORTING PATIENT POCT: URINE DIPSTICK RESULTS

CAPT_URI_0600

PURPOSE:

The purpose of this procedure is how patient results, normal and abnormal urine results, are reported by staff completing point of care testing with urine dipsticks, Roche Chemstrip 10A.

PROCEDURE:

1. Ordering POC tests: Point of care testing must have a care provider's order, included on the order set or ordered as per clinical area protocols and standard of practice.

   Detailed Order Management Policy can be found @ http://shop.healthcarebc.ca/CST_Documents/CSTOrdersManagementPolicy.pdf

   CAPT_LIS_0400 CST Orders Management Policy

   Cerner:

   i. Point of care urinalysis must have a care provider's order, included on the order set or ordered as per clinical area protocols and standard of practice.

   ii. For urinalysis, a doctor's order is obtained. This would be part of the care plan/order on the in patient unit on admission or a change of situation.

   For ad hoc or emergency situations, would be a doctor's order.

   iii. Complete the following steps to view order details:

      1. With a patient chart open, select the Orders chart view.
      2. Select the order for which you want to view details.
      3. Right-click the order and select **Order Information**. The Order Information dialog box is displayed.
      4. Click the **Details** tab to view the order details.
      5. To return to the previous window, click **Exit**.

2. Follow procedure for obtaining urine dipstick results on patients. Refer to:

   a. CAPT_URI_0200 Detailed Specimen Collection Urine Screening for Glucose Ketones Protein Blood et al

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    b.   CAPT_URI_0200cl1 Checklist Specimen Collection - Urine Screening for Glucose Ketones Protein et al

    c.   CAPT_URI_0200JA1 Quick Sheet Specimen Collection - Urine Screening for Glucose Ketones Protein et al

3. Values for urine dipsticks: Refer: CAPT_URI_0200JA2 Urine Specimen Collection Requirements and Reference Ranges

    *Note we do not do test urine on neonates and pediatrics at BCC-VCC.

    a.   Normal:

Reference Values

Specific Gravity:	<1.030
pH:	5.0-8.0
Leukocyte Esterase:	Negative
Nitrite:	Negative
Protein:	Negative
Glucose:	Negative
Ketones:	Negative
Bilirubin:	Negative
Blood:	Negative

   b.   Abnormal: Refer to urine dipstick container for colour changes indicating abnormal values

    Refer to:

   CAPT_URI_0500F1 Urine Dipstick Proficiency Testing Technical Document

4. Reporting Results: Every examination requested needs to be recorded in the patient chart. POCT results are recorded as a POCT result and incorporated into the patient's permanent medical record (Cerner).

    a.   Select the Point of Care Testing section with in IView.
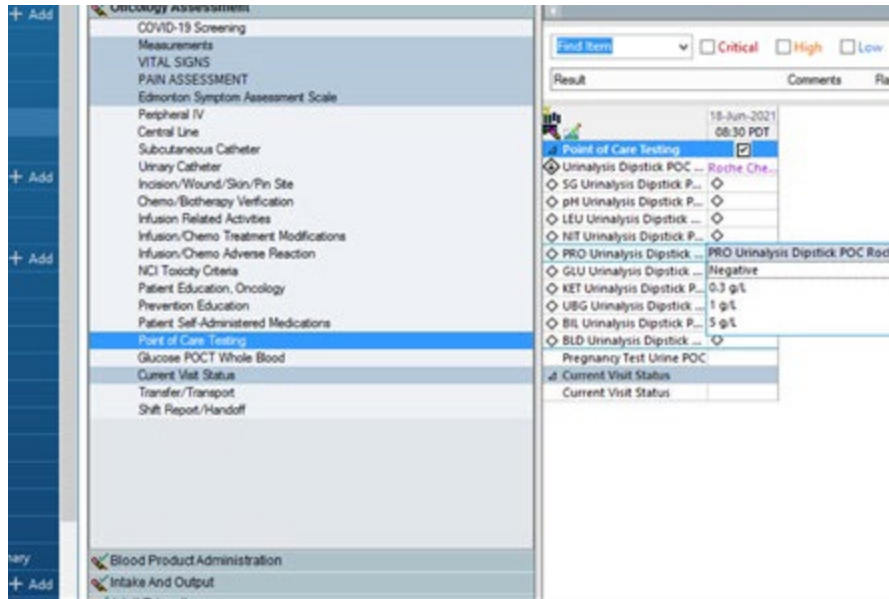
b. Click on Urinalysis Dipstick POC and select the correct test strip
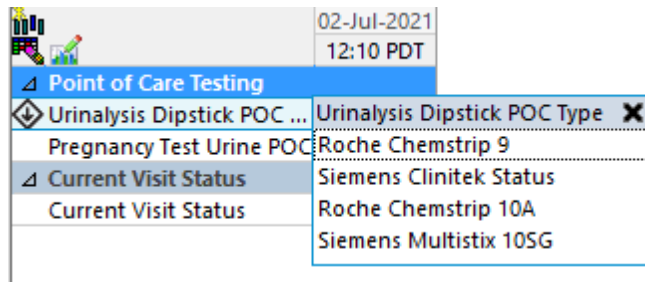
c. Select the correct value.
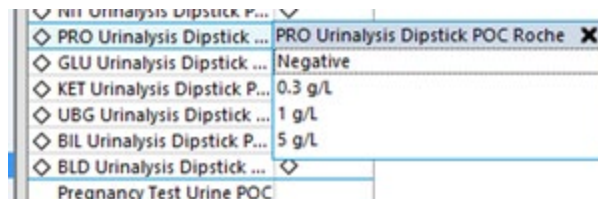
d. Save ✓

5. CST Cerner Viewing Results Using IView

You can perform various actions and view information about a result in Interactive View. Select a command from the context, Options, or Documentation menus. Some of the common actions you might perform on a result include the following actions:

- View details about the result.

- Add or view comments associated with a result.

- View the history of the result.

- View information about an order.

- View the Interactive View legend to find out what it means when a specific indicator or icon is displayed in a result cell.

- Add, modify, or unchart a result.

If there are multiple results in a cell, a number is displayed in brackets ([]) next to the result value. This number represents the number of results documented for this date and time or date and time interval. The result displayed in the cell is determined by your site's preference setting. For example, it may be the most recently documented result or the first result documented.

If an indicator is associated with a specific result, and that is not the result displayed in the cell, the indicator is still displayed in the cell. For example, the patient may have a critical result within that time frame. In this case, the result displayed in the cell, though, may be within the normal range. The Critical indicator is still displayed in the cell, notifying you this patient has a critical result during this time frame.w of results

6. Corrected Results

    i. All documentation in Cerner can be corrected, or "uncharted" if result entered was incorrect.

    Refer to CST Help Topics:
        Unchart in Interactive View and I&O (IView).pdf
        Modify a Value in Interactive View and I&O (IView).pdf

    All changes are visible in an audit trail.

    ii. The small delta symbol indicates that it is a Corrected Report.

    iii.   When viewing the result, one can see the Current and Original Result, and who made the correction.


7. **Uncharting documentation in IVIEW**

Uncharting is used when information has been documented in error and needs to be removed from the patient's record

1. Navigate to the documentation field you need to modify and **right-click** on it.

2. Select **Unchart** from the action menu.
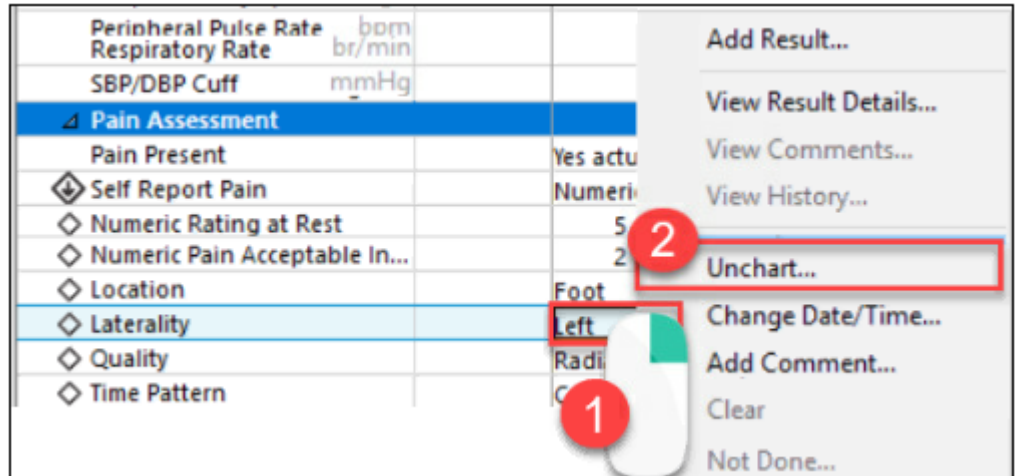
- The unchart window opens.

3. Click the drop down icon in the **Reason** field to select a reason for uncharting.

4. Click **Sign.**
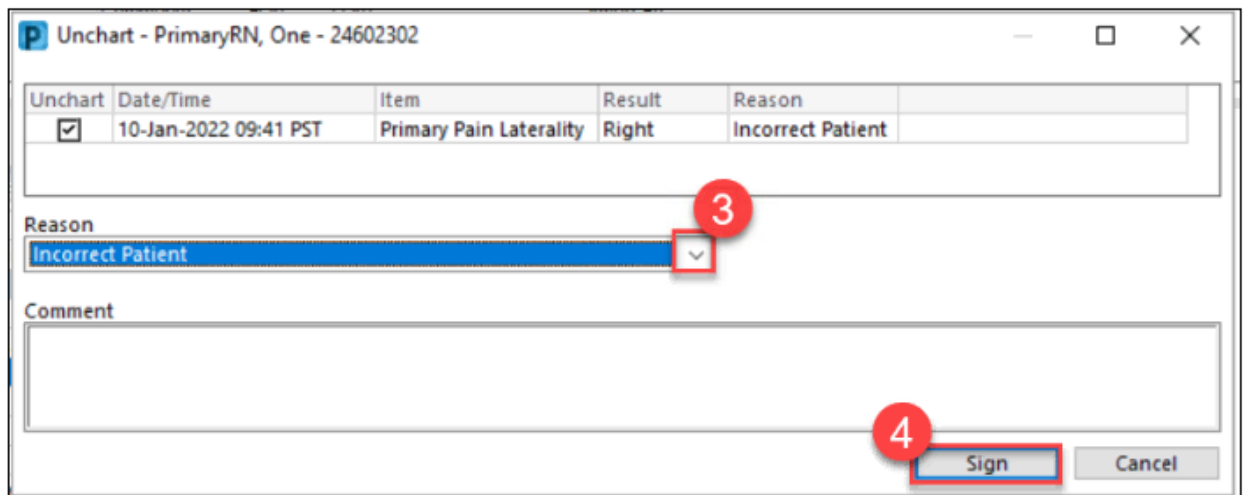
In Error will display in the documentation field with an annotation icon in the top right corner of the field.

⊿ Pain Assessment		
Pain Present		Yes actual …
⬙ Question Ability to Self Rep…		
⬙ Unable to Self Report Pain		
⬙ Self Report Pain		Numeric r…
◇ Numeric Rating at Rest		5
◇ Numeric Rating With Activity		9
◇ Numeric Pain Acceptable In…		2
◇ Location		Foot
◇ Laterality		In Error
◇ Quality		Radiating

8. Critical Results – Cerner

Critical Result Reporting

Reporting of critical results of tests and procedures in a timely manner to the physician and/or APRN/PA is a national patient safety goal. Be sure to complete the following form and document all provider communication.

Process of Reporting

1. Lab will call results to the unit
2. The UC or RN will then record the results on the Critical Notification form and read the results back to the lab tech to ensure accuracy
3. The Critical Notification form is given to the primary RN
4. The Primary RN will then notify the physician and document this on the form and in the EMR (see below)

Note; A read back of this information is required to confirm patient information to ensure that the correct patient and test results are recorded prior to notifying the physician.

Documenting in the EMR

1. Choose **iView**
2. Click on **Adult Quick View**
3. Choose the **Provider Notification** section
4. Document the **Notification Reason** as "Critical value reporting"
5. Document the phone call and any new orders placed in **Notification Details**.

9. Follow up for results:

   a. When abnormal urine results are obtained:

    i. Chart nurse note; data, action, response, plan (DARP) and contact most responsible physician (MRP)

   ii. It is important that POCT critical results are evaluated with clinical information.

  iii. Urine collection for urinalysis can be requested to be sent to Vancouver General Hospital chemistry department, via the laboratory for confirmation of results.

  iv. Any action taken as a result of POCT is noted in the patient's medical record.