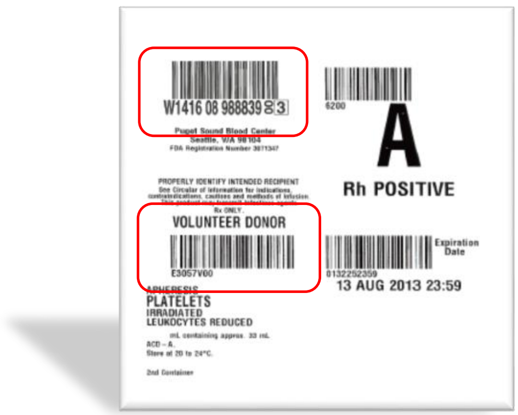
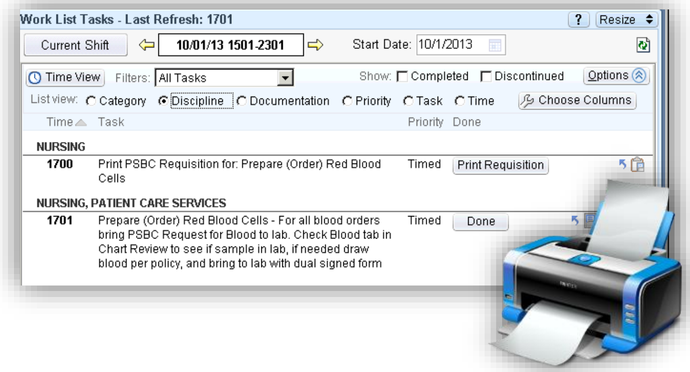
BLOOD ADMIN CHANGES OVERVIEW

WHAT'S NEW

The next 4 documents are going to explain what's new with Blood Administration. These changes will be implemented at the same time we update Epic to version 2012.





SECOND CONFIRMATORY SAMPLE

A second separately-collected sample is necessary to double check a patient's blood type before routine RBC orders are filled.

DUAL BARCODE SCANNING

VMC has decided to implement a nationally recognized standard for safer blood product administration. This will require scanning of 2 barcodes on the blood bag to ensure we have received the right product.

PRINTING REQUISITIONS

Requisitions can now be printed from the Work List activity. Also, printed requisitions will print out at the printer closest to the computer you are printing from.

Please Note: If you are unable to find the printed requisition form at the printer, you can always go back to the Chart Review Blood tab to reprint.

SECOND SAMPLE FOR RBC ORDERS CONFIRMATORY ABO/RH

NEW RBC ORDERING REQUIREMENT - CONFIRMATORY ABO/RH SAMPLE

If patient does not have a historical blood type (ABO/Rh) record at Puget Sound Blood Center (PSBC), a second separately-collected sample will be required

- ***Key Point - Second sample is only required if there is no prior blood type at PSBC***

WHY - INCREASES PATIENT SAFETY

The major cause of ABO/Rh cross matching errors is “wrong blood in tube” (WBIT) – a mislabeled sample, or a misidentified patient. The result of this error is potentially fatal.

As a measure to ensure a higher standard of patient safety and best practice in transfusion medicine, PSBC with guidance from the FDA and the College of American Pathology (CAP) has implemented a process in which a second separately-collected sample is necessary to double check a patient’s blood type before routine RBC orders are filled.

PROCESS FLOW – INPATIENT

A. First Sample – no change
   1. Provider orders Red Blood Cells in Epic
   2. RN to process RBC order per standard procedure. Send Request form/sample to VMC Lab
   3. When VMC Lab receives order, Lab will determine if a second sample is required

B. Second Sample

1. If second sample required, Lab will call RN and indicate an order for a Confirmatory ABO/Rh sample is required
2. RN will enter the order for a Confirmatory ABO/Rh sample in Epic (sign per Standing Order, with Provider signature required) and print the PSBC Confirmatory ABO/Rh Request form from the Nursing Work List.
3. A patient education document explaining the reason a second sample is required will also print or can be printed on demand.
4. Draw the second separately collected sample using the Confirmatory ABO/Rh Request form and the 2 person verification at bedside. Send sample/form to VMC Lab

PROCESS FLOW

1. Draw the first sample for the RBC order per standard procedure using the PSBC Request form for RBCs.
   - Immediately send form/sample to VMC Lab
   - To avoid blood delays, always send first sample immediately – as Emergency blood will be issued from one sample
2. If directed by VMC Lab, enter the confirmatory ABO/Rh (LAB4612) in Epic using order mode '**Standing Order - Cosign Required**'.
3. Print requisition from the Nursing Work List
4. Draw the second separately collected sample using the Confirmatory ABO/Rh Request form. Send sample/form to VMC Lab.

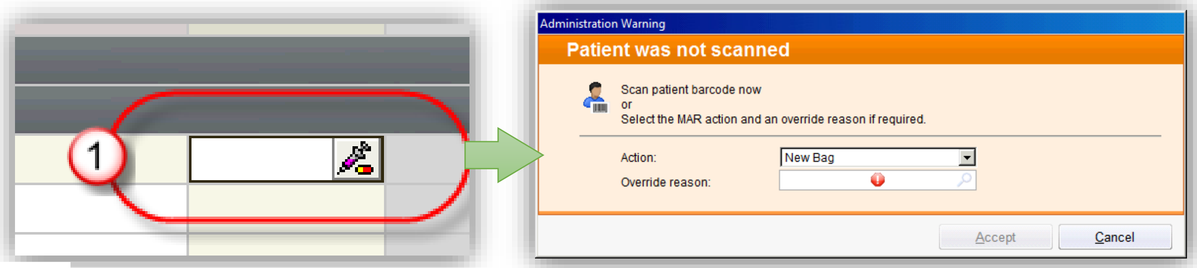
Note: *The two samples (first Type/Cross match and second Confirmatory ABO/Rh) must be collected from different sites but can be collected at the same time. For both separate draws, 2 person verification at the bedside is still required.*

IMPORTANT: ***To avoid blood delays, always send first sample to VMC Lab immediately as Emergency RBCs can be issued from only the first sample.***

DUAL BARCODE SCANNING

CHANGES EXPLAINED

1 donated unit may be split into multiple components, or aliquots to be used by multiple patients. Meaning that 2 patients may receive the same blood component from the same donor ID. VMC has decided to implement a nationally recognized standard for safer blood product administration. This will require scanning of 2 barcodes: the first to identify the Donor and the second to identify the unique product. We will scan the donor barcode followed by the product barcode. Scanning a second ID for the component will eliminate the warning message that this unit has been documented for another patient.



SCANNING STEPS

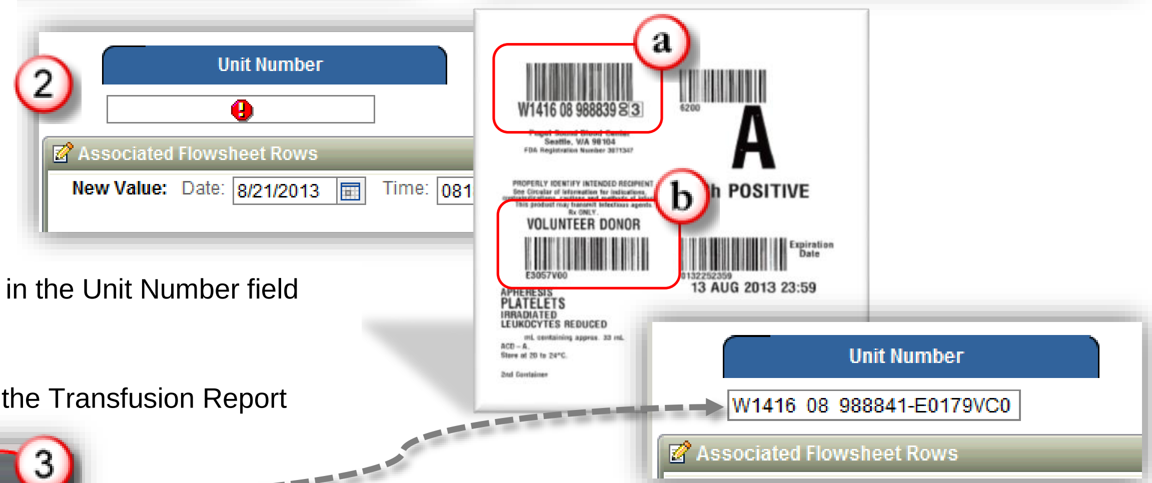
1. Click on the syringe and choose new bag – If prompted to *scan the patient's armband*, do so now.

A. Find the Unit Number field in the Administration window and then place your cursor there.

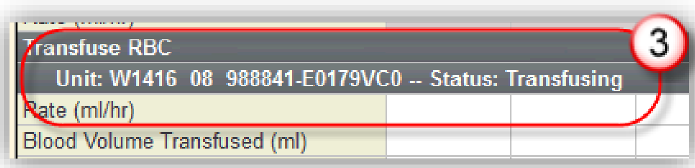
   a. Find the *Donor barcode on the blood product bag and scan it* with the hand held scanner.

   b. Immediately after *scan the product barcode*.

You will see both the Donor and the Product numbers in the Unit Number field separated by a dash/hyphen in between.



3. Both codes will now be listed on the flowsheet and on the Transfusion Report



PLEASE NOTE – MANUAL BARCODE ENTRY

If the scanner is broken, you need to enter in the Donor and Product number manually. Be sure to place a "-" dash/hyphen in between the 2 numbers.