BRIDGE TRANSFUSION ADMINISTRATION

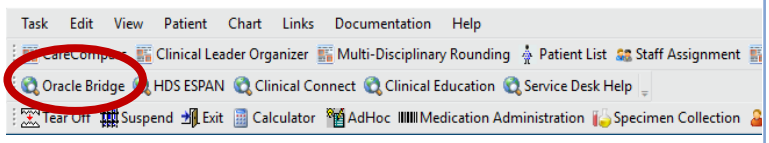
HOSPITAL INFORMATION SYSTEM (HIS)

BLOOD COMPONENTS – ANESTHESIOLOGY AND OR STAFF

Document blood transfusions in the OR using Bridge Multi- Unit Transfusion

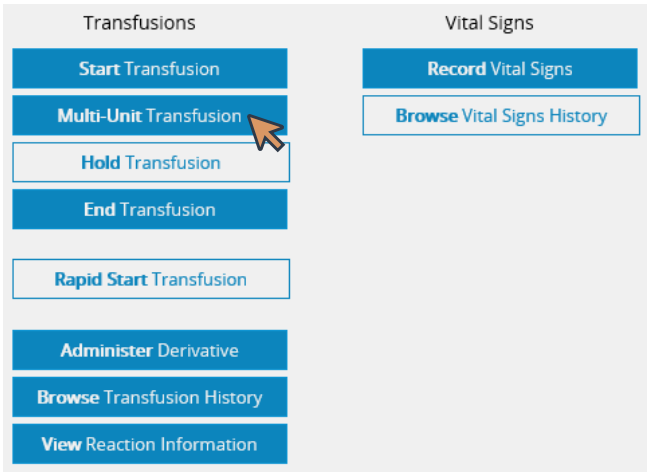
Multi- Unit Transfusion

1. Launch **Oracle Bridge** from the Tool Bar or SAnesthesia

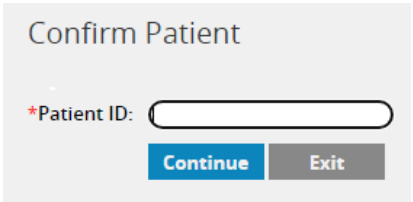


2. Scan the patient's wristband or type in their FIN

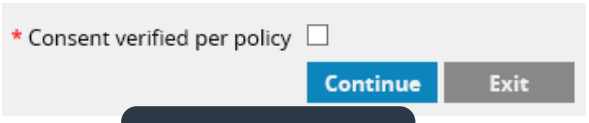
3. Click **Multi- Unit Transfusion**



4. If manual FIN entry was used previously, enter the patient's FIN again



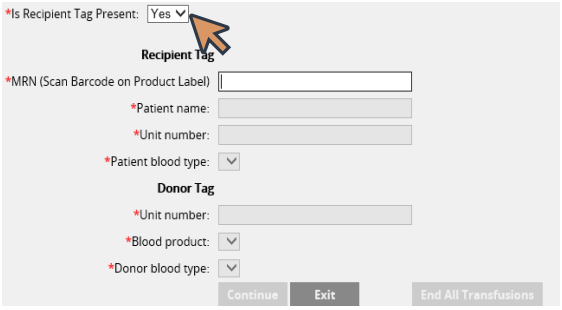
5. Complete Pre- Transfusion Check, and click **Continue**



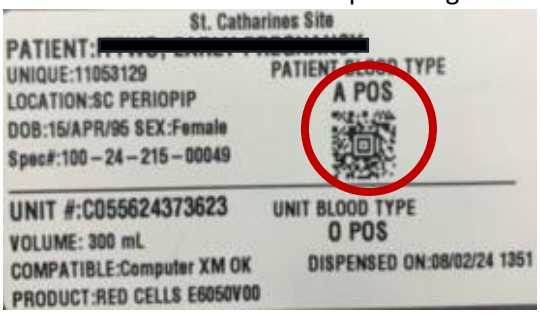
Red asterisks (*) are mandatory fields

6. Is **Recipient Tag** Present? **Yes**
   If **No** is selected, skip to step 8

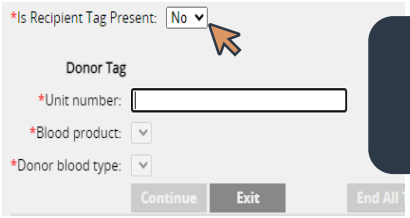
Recipient tags are Blood Bank Issue Labels with patient and blood product information. Select Yes if recipient tag is complete (patient's name, DOB, MRN#, and blood type). This will be the case for crossmatched blood products. Otherwise, select No.



If **recipient tag** is complete and **Yes** is selected, scan the Blood Bank Cross Match Recipient Tag.

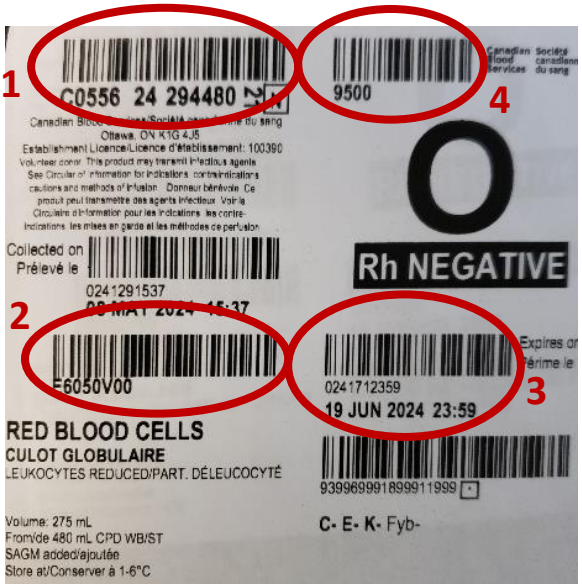


7. Is **Recipient Tag** present? **No**

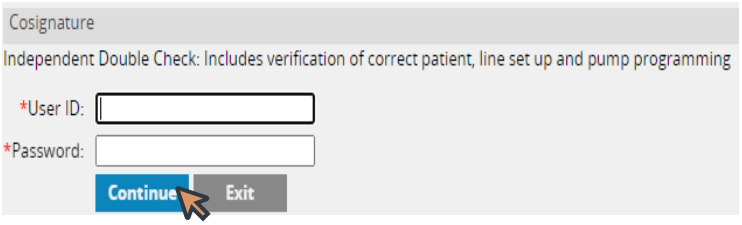


If recipient tag is not complete, select No.

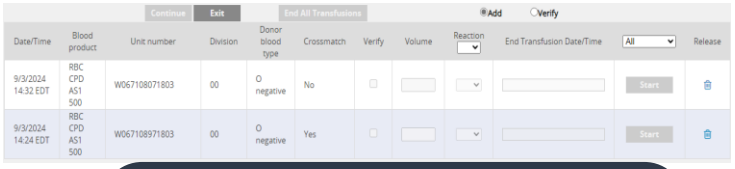
8. Scan the Blood Donor Bag Labels (U pattern)
   - **1** Scan the **Unit Number**
   - **2** Scan the **Blood Product**
   - **3** Scan the **Expiration Date**
   - **4** Scan the **Donor Blood Type**



9. The second nurse does their independent double checks and enters their credentials. Click **Continue**

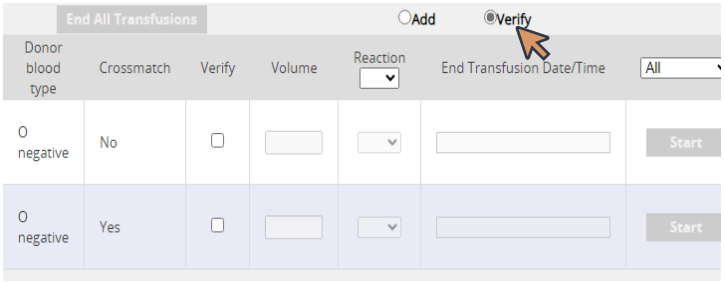


10. The blood component will appear in a table format below. Repeat steps 7-10 to **"Add"** the other ordered blood components to this table.



The table lists in reverse chronological order with the most recently scanned component at the top

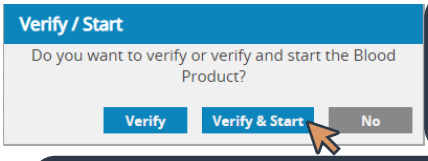
11. When all components are added, click the **Verify** radial button



12. To select the blood bag to transfuse, either:
    a. Scan the **Unit Number** and the **Blood Product** of the blood bag

    OR

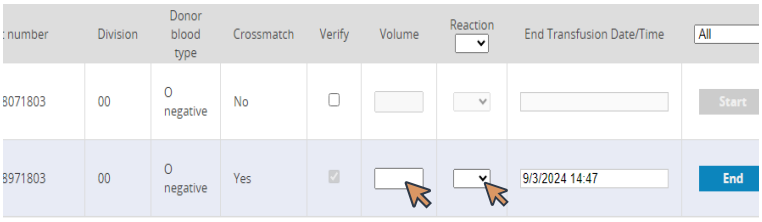
    b. Click **Verify** beside the blood details that match the blood bag
13. Click **Verify & Start** once the blood has reached the patient



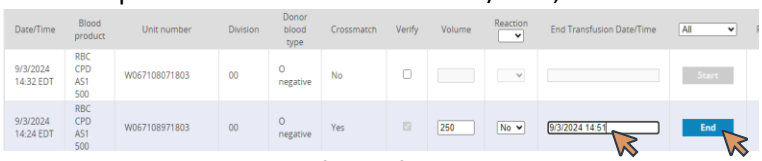
Vitals can be recorded in SAnesthesia

Bridge vitals flow to Power Chart, Power Chart vitals do not flow to Bridge

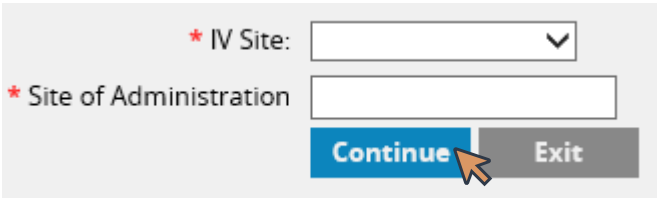
14. When the blood bag is finished infusing, enter the volume transfused and if a reaction occurred. Only Transfusion volumes recorded in Bridge flow over to Power Chart.



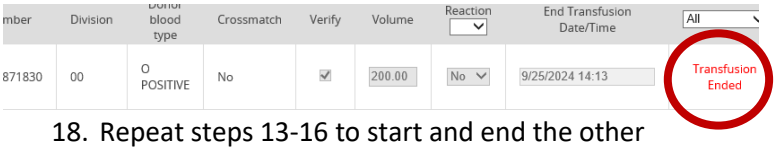
15. Update the End transfusion date/time, click **End**



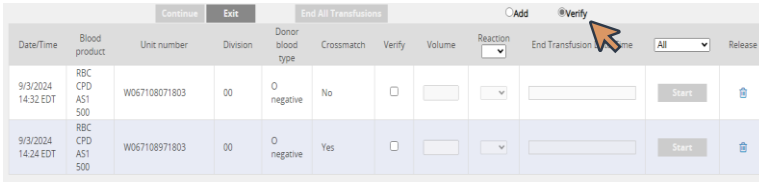
16. Enter access site of transfusion, click **Continue**



17. The transfusion status updates



18. Repeat steps 13-16 to start and end the other ordered blood components, ensuring that the **Verify** radial button is selected.

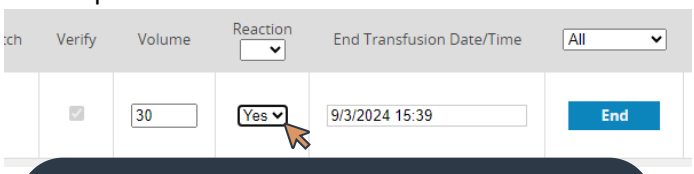


Transfusion(s) Complete! Great work!

Don't forget to record transfusion volumes in Bridge

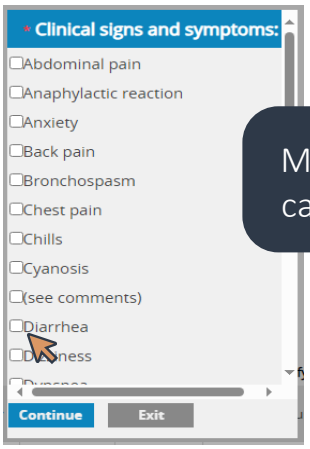
Transfusion Reaction in Multi- Unit

1. Before Ending the Transfusion, select **Yes** from the dropdown menu



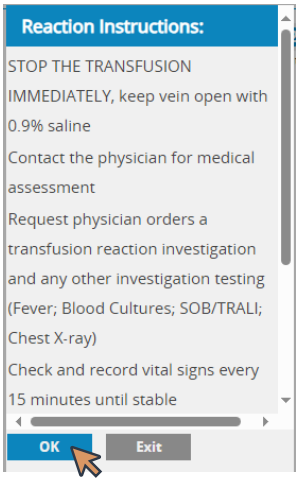
If the patient develops a transfusion reaction/ adverse event to the administration of blood products, record in Bridge

2. Click **End**
3. Check off the patient's signs and symptoms, click **Continue**



Multiple checks can be selected

4. Read and follow the **Reaction Instructions**, click **OK**



BRIDGE TRANSFUSION ADMINISTRATION

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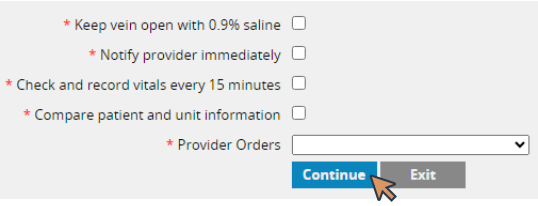
5. Complete the reaction checks and ensure to follow policy. Click **Continue**

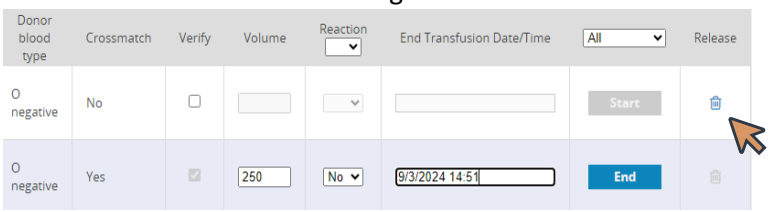


Call the MRP to communicate clinical findings

Releasing Unused Blood Components

If a blood component has been "added" to the table and scanned in Bridge, but does not need to be transfused, it will need to be removed from the patient's chart and returned to Blood Bank.

1. Click **Multi- Unit Transfusion**
2. Click the blue **Trashcan icon** under the **Release** column. Ensure that the blood component unit number being released in Bridge matches the unit number on the blood bag.



3. Return the blood component to Blood Bank within 1 hour.

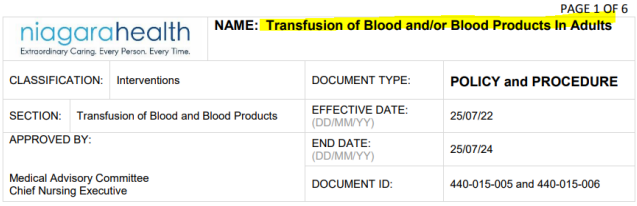
Reminders:

- Never squeeze the filter on blood tubing as this may damage the filter. When priming the tubing ensure the saline covers the top of the blood filter as blood cells are damaged if they drop onto the hard filter
- For safe storage, do NOT combine different blood products into the one cooler. Each cooler has expiry times based on when products are processed.

- When transferring products to other departments, ie ICU or OR, the products must go in their respective coolers.
- When transferring a patient and taking blood products with you to ANY other hospital, call Blood Bank ASAP.

Resources:

1.



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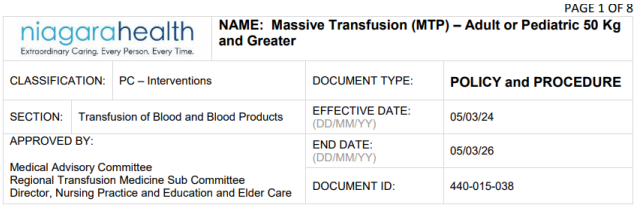
NAME: Transfusion of Blood and/or Blood Products in Adults

CLASSIFICATION:	Interventions	DOCUMENT TYPE:	**POLICY and PROCEDURE**
SECTION:	Transfusion of Blood and Blood Products	EFFECTIVE DATE: (DD/MM/YY)	25/07/22
APPROVED BY:		END DATE: (DD/MM/YY)	25/07/24
Medical Advisory Committee Chief Nursing Executive		DOCUMENT ID:	440-015-005 and 440-015-006

2.



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NAME: Massive Transfusion (MTP) – Adult or Pediatric 50 Kg and Greater

CLASSIFICATION:	PC – Interventions	DOCUMENT TYPE:	**POLICY and PROCEDURE**
SECTION:	Transfusion of Blood and Blood Products	EFFECTIVE DATE: (DD/MM/YY)	05/03/24
APPROVED BY:		END DATE: (DD/MM/YY)	05/03/26
Medical Advisory Committee Regional Transfusion Medicine Sub Committee Director, Nursing Practice and Education and Elder Care		DOCUMENT ID:	440-015-038