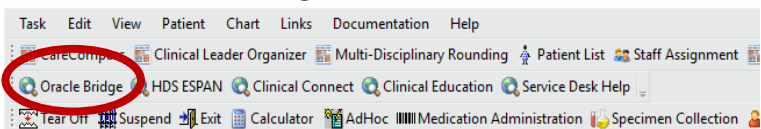


Multi- Unit Transfusion

Use Multi- Unit Transfusion to document Single or Multiple, crossmatched or UNcrossmatched units of blood components

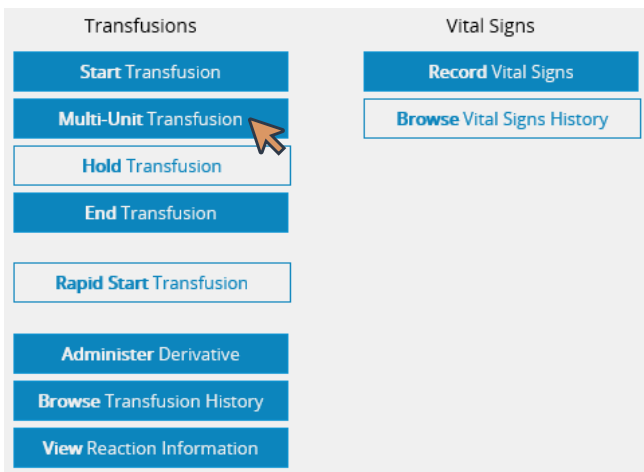
1. Click **Oracle Bridge ONCE** from the Tool Bar



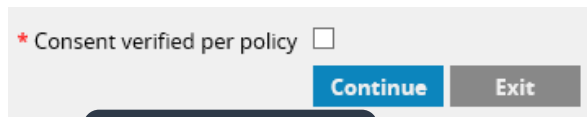
2. Ensure Caps Lock is off. Scan the patient's wristband (vertical barcode)



3. Click **Multi- Unit Transfusion**



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

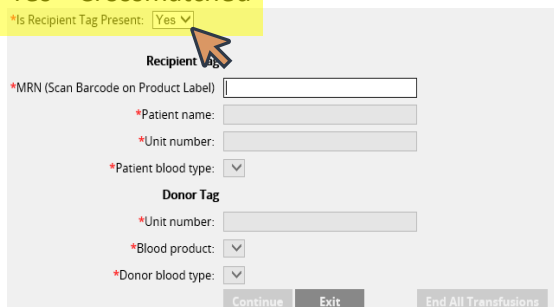


Red asterisks (*) are mandatory fields

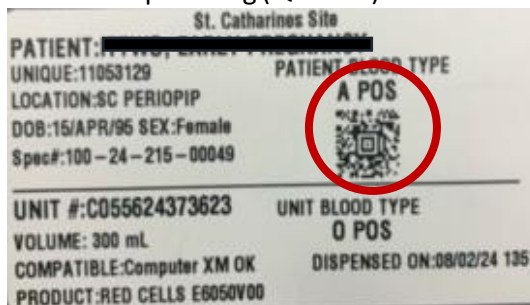
5. Is **Recipient Tag** Present?
If **No** is selected, skip to step 7

Recipient tags are Blood Bank Issue Labels with patient and blood product information.
Yes = Crossmatched
No = UNcrossmatched
Note: System defaults to No.

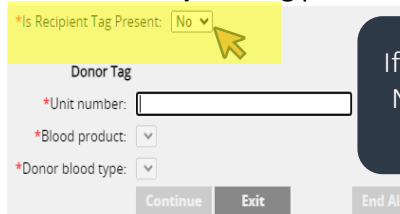
Yes = Crossmatched



If **Crossmatched**, select **Yes** AND scan the Blood Bank Cross Match Recipient Tag (QR code).



6. Is **Recipient Tag** present? **No** = UNcrossmatched



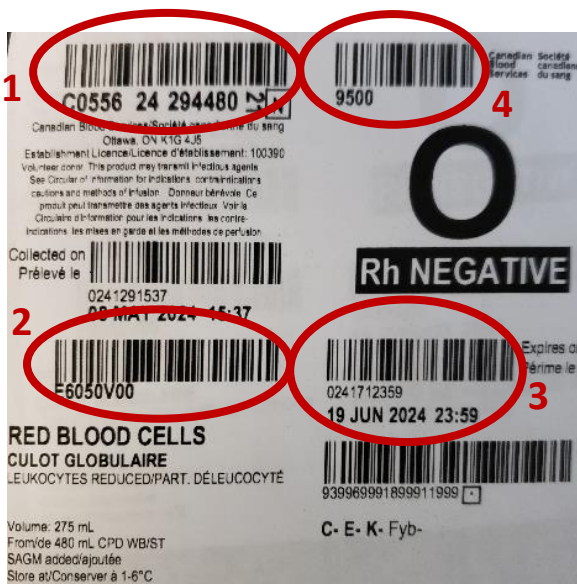
If UNcrossmatched, select No. Do not scan QR code on sticker.



BRIDGE TRANSFUSION ADMINISTRATION HOSPITAL INFORMATION SYSTEM (HIS)

7. 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**



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

Signature

Independent Double Check: Includes verification of correct patient, line set up and pump programming

*User ID:

*Password:

Continue **Exit**

9. The blood component will appear in a table format below. Repeat steps 5-8 to **“Add”** the other ordered blood components to this table.

Date/Time	Blood product	Unit number	Division	Donor blood type	Crossmatch	Verify	Volume	Reaction	End Transfusion Date/Time	Release
9/9/2024 14:32 EDT	RBC CPD AS1 500	W067108071803	00	O negative	No	<input type="checkbox"/>				Start
9/9/2024 14:24 EDT	RBC CPD AS1 500	W067108971803	00	O negative	Yes	<input type="checkbox"/>				Start

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

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

Donor blood type	Crossmatch	Verify	Volume	Reaction	End Transfusion Date/Time	Release
O negative	No	<input type="checkbox"/>				Start
O negative	Yes	<input type="checkbox"/>				Start

11. 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

12. Click **Verify** before spiking the blood or **Verify & Start** once the blood has reached the patient. Ensure that you click Start only after the blood has reached the patient. Once a unit is started, even if unused, it cannot be released from the patient

Verify / Start

Do you want to verify or verify and start the Blood Product?

Verify **Verify & Start** **No**

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



BRIDGE TRANSFUSION ADMINISTRATION HOSPITAL INFORMATION SYSTEM (HIS)

13. 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.

Unit number	Division	Donor blood type	Crossmatch	Verify	Volume	Reaction	End Transfusion Date/Time	
8071803	00	O negative	No	<input type="checkbox"/>				Start
8971803	00	O negative	Yes	<input checked="" type="checkbox"/>			9/3/2024 14:47	End

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

Date/Time	Blood product	Unit number	Division	Donor blood type	Crossmatch	Verify	Volume	Reaction	End Transfusion Date/Time	
9/3/2024 14:32 EDT	RBC CPD AS1 500	W067108071803	00	O negative	No	<input type="checkbox"/>				Start
9/3/2024 14:24 EDT	RBC CPD AS1 500	W067108971803	00	O negative	Yes	<input checked="" type="checkbox"/>	250	No	9/3/2024 14:51	End

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

* IV Site:

* Site of Administration:

Continue **Exit**

16. The transfusion status updates

Unit number	Division	Donor blood type	Crossmatch	Verify	Volume	Reaction	End Transfusion Date/Time	
871830	00	O POSITIVE	No	<input checked="" type="checkbox"/>	200.00	No	9/25/2024 14:13	Transfusion Ended

17. Repeat steps 12-15 to start and end the other ordered blood components, ensuring that the **Verify** radial button is selected.

Date/Time	Blood product	Unit number	Division	Donor blood type	Crossmatch	Verify	Volume	Reaction	End Transfusion Date/Time	
9/3/2024 14:32 EDT	RBC CPD AS1 500	W067108071803	00	O negative	No	<input type="checkbox"/>				Start
9/3/2024 14:24 EDT	RBC CPD AS1 500	W067108971803	00	O negative	Yes	<input type="checkbox"/>				Start

18. Exit.

Reminder: you can switch between "Add" to scan components and "Verify" to start components by clicking the radial buttons above the table

Add Verify

You must be in Add mode to scan the components
You must be in the Verify mode to have the table accessible (Start and End components)

Transfusion Reaction in Multi- Unit

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

Verify	Volume	Reaction	End Transfusion Date/Time	
<input checked="" type="checkbox"/>	30	Yes	9/3/2024 15:39	End

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**

Clinical signs and symptoms:

- Abdominal pain
- Anaphylactic reaction
- Anxiety
- Back pain
- Bronchospasm
- Chest pain
- Chills
- Cyanosis
- (see comments)
- Diarrhea
- Dizziness

Continue **Exit**

Multiple checks can be selected

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

Reaction Instructions:

STOP THE TRANSFUSION IMMEDIATELY, keep vein open with 0.9% saline

Contact the physician for medical assessment

Request physician orders a transfusion reaction investigation and any other investigation testing (Fever; Blood Cultures; SOB/TRALI; Chest X-ray)

Check and record vital signs every 15 minutes until stable

OK **Exit**

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

* Keep vein open with 0.9% saline

* Notify provider immediately

* Check and record vitals every 15 minutes

* Compare patient and unit information

* Provider Orders

Continue **Exit**

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.

- Click **Multi- Unit Transfusion**
- 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.

Donor blood type	Crossmatch	Verify	Volume	Reaction	End Transfusion Date/Time	All	Release
O negative	No	<input type="checkbox"/>				Start	
O negative	Yes	<input checked="" type="checkbox"/>	250	No	9/3/2024 14:51	End	

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

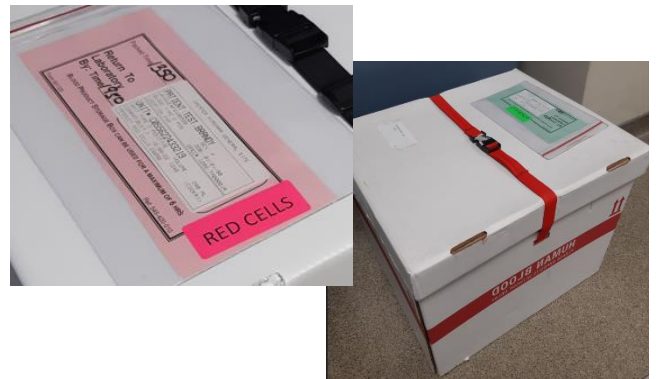
Resources:

1. PAGE 1 OF 6

2. PAGE 1 OF 8

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.

Bridge Tips and Troubleshooting:

- Click once to open only 1 Bridge window. May take 25-35 secs to open
- If a password is required, close all Bridge windows, wait one minute, and relaunch by clicking once
- Keep Caps Lock off
- Only have one Power chart file open
- Reconfigure scanner
- Cover other barcodes except for the one you intend to scan
- Close Bridge window after 30 minutes of inactivity to prevent auto-log outs. If you have been inactive in Bridge for 30 minutes while in the middle of a workflow, close the window and relaunch it instead of continuing.
- Please note that “tapping in” and “tapping out” using Impravata does not close Bridge and keeps it running in the background. Close window before tapping out and relaunch if needed after tapping back in.

