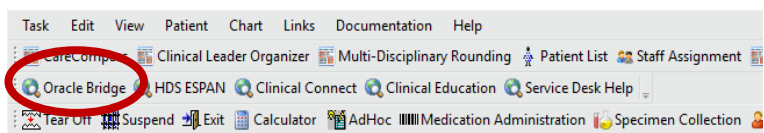


BLOOD COMPONENTS – ANESTHESIOLOGY AND OR STAFF

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

### Multi- Unit Transfusion

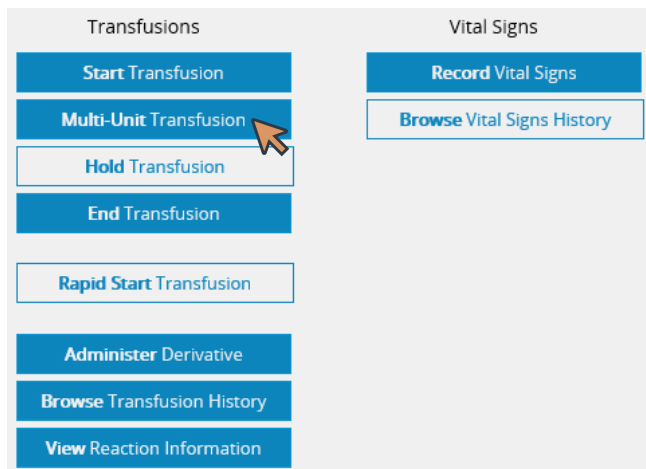
1. Launch **Oracle Bridge** from the Tool Bar or SAesthesia



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

Confirm Patient

\*Patient ID:

**Continue** **Exit**

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

\* Consent verified per policy

**Continue** **Exit**

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.

\*Is Recipient Tag Present: Yes

**Recipient Tag**

\*MRN (Scan Barcode on Product Label)

\*Patient name:

\*Unit number:

\*Patient blood type:

**Donor Tag**

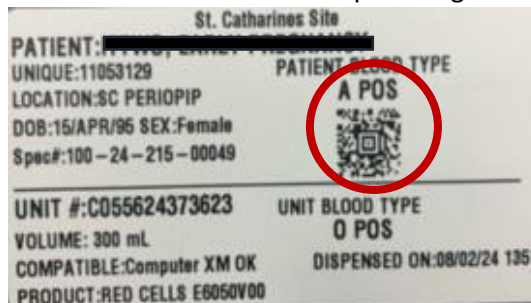
\*Unit number:

\*Blood product:

\*Donor blood type:

**Continue** **Exit** **End All Transfusions**

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





# BRIDGE TRANSFUSION ADMINISTRATION HOSPITAL INFORMATION SYSTEM (HIS)

## 7. Is Recipient Tag present? No

\*Is Recipient Tag Present:

Donor Tag

\*Unit number:

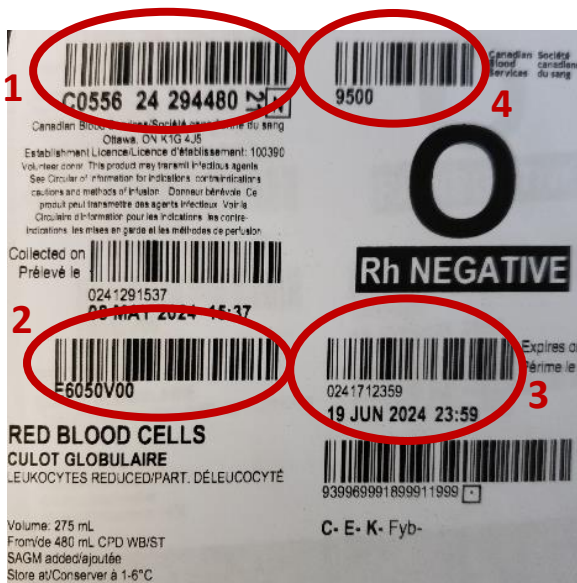
\*Blood product:

\*Donor blood type:

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**

Cosignature

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

\*User ID:

\*Password:

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.

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"/>				<input type="button" value="Start"/>
9/9/2024 14:24 EDT	RBC CPD AS1 500	W067108971803	00	O negative	Yes	<input type="checkbox"/>				<input type="button" value="Start"/>

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

Add  **Verify**

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

## 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

**Verify / Start**

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

Vitals can be recorded in SAnesthesia

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



# BRIDGE TRANSFUSION ADMINISTRATION HOSPITAL INFORMATION SYSTEM (HIS)

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.

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

15. 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

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

\* IV Site:

\* Site of Administration:

**Continue** **Exit**

17. 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

18. Repeat steps 13-16 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 checked="" type="checkbox"/>				Start

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

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**



# BRIDGE TRANSFUSION ADMINISTRATION

## HOSPITAL INFORMATION SYSTEM (HIS)

- 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.

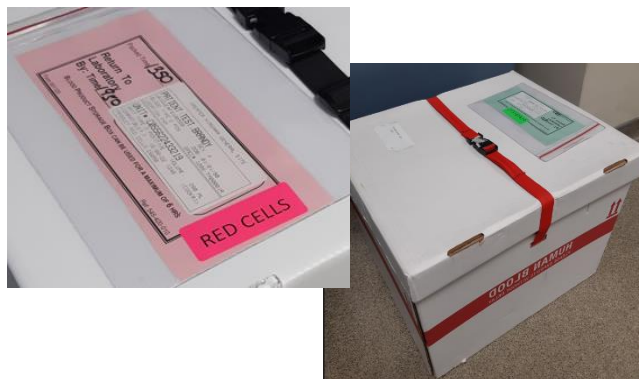
- Click **Multi- Unit Transfusion**
- Click the blue **Trashcan icon** under the **Release** column. Ensure that the blood component unit number being released in Bridge matches the unit number on the blood bag.

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.

### 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:

- niagarahealth** NAME: **Transfusion of Blood and/or Blood Products in Adults** PAGE 1 OF 6

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
- niagarahealth** NAME: **Massive Transfusion (MTP) – Adult or Pediatric 50 Kg and Greater** PAGE 1 OF 8

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