



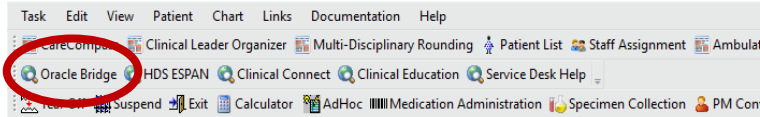
# BLOOD COMPONENT TRANSFUSION (RED CELLS, PLASMA, PLATELETS)

## BRIDGE TRANSFUSION ADMINISTRATION HOSPITAL INFORMATION SYSTEM (HIS)

If there are less than 2 units of crossmatched blood components to be transfused, document using Start Transfusion

### Start Transfusion

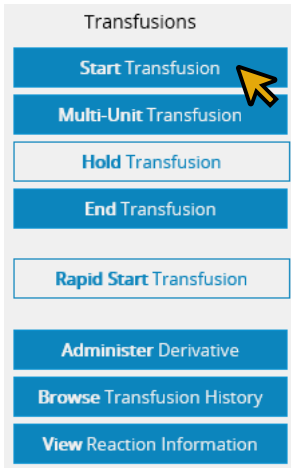
1. Launch **Oracle Bridge** from the Tool Bar



2. Scan the patient's wristband

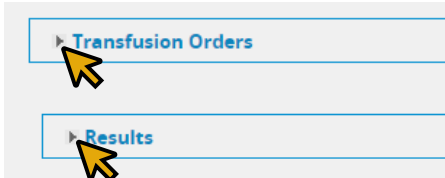


3. Click **Start Transfusion**



Start the transfusion within 30 minutes of receiving the product

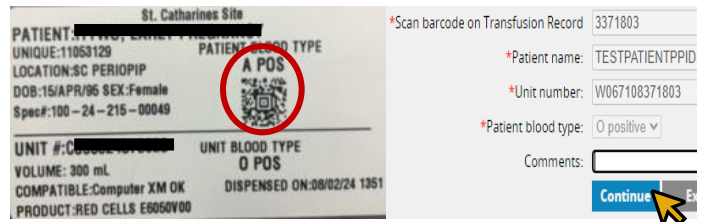
4. Check **Transfusion Orders** and **Blood Results**



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

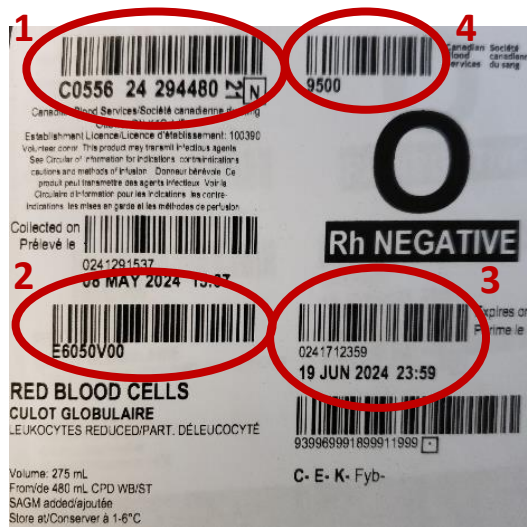
Red asterisks (\*) are mandatory fields

6. Scan the Blood Bank Cross Match **Recipient Tag**, and click **Continue**



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**





# BRIDGE TRANSFUSION ADMINISTRATION HOSPITAL INFORMATION SYSTEM (HIS)

- If the blood bag does not match the patient's blood type 1:1, a **Substitution reason** is required along with the witness' **co-signature**.

**Alert: Blood Type Substitution**

This blood type does not match the patient's blood type (O POSITIVE).

Do you want to continue with the transfusion?

Check

The blood types on the crossmatch recipient label and donor center label do not match.

Blood type on **recipient label**: O POSITIVE

Blood type on **donor center label**: O NEGATIVE

Approve

\*Reason for blood type substitution:

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

\*User ID:

\*Password:

- Second nurse to continue with their independent double check. Click **Continue**

Cosignature

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

\*User ID:

\*Password:

Independent double check is completed at the bedside as per policy 440-015-005

- Complete vitals, and click **Continue**

Observation Date/Time: 8/30/2024 13:50 EDT [Change](#) [Show Ranges](#)

\*Temperature:  °C

\*Site:

\*Heart Rate:  beats/minute

\*Blood Pressure:  /  mmHg  palp

\*Method:

\*Respirations:  breaths/minute

\*O<sup>2</sup> Saturation:  %

Comment:  40

- Click **Start** when blood has reached the patient

Select START after spiking the blood bag and starting the infusion.

If there is a transfusion already started but needs to be held, click Hold Transfusion

## Hold Transfusion

- Click **Hold Transfusion**

Transfusions

Transfusion started 8/30/2024 14:04 EDT.

- Scan the **Blood Unit Number** and **Product Number** OR click the corresponding radial button for the blood product, and click **Continue**

Hold Transfusion

\*Unit number:

\*Blood product:

Active Transfusions

Started

8/30/2024 14:04 EDT

- Document within the **Start Hold Date and Time** and **Reason for Hold ONLY**, and click **Continue**

Start Transfusion Date and Time: 8/30/2024 14:04 EDT

\*Start Hold Date and Time:

\*Reason for Hold:

End Hold Date and Time:

Comments:  100



# BRIDGE TRANSFUSION ADMINISTRATION HOSPITAL INFORMATION SYSTEM (HIS)

If there is a transfusion on hold that needs to be resumed, click Hold Transfusion

## End Hold

1. To end hold, Click **Hold Transfusion**
2. Scan the **Blood Unit Number** and **Product Number** OR click the corresponding radial button for the blood product, and click **Continue**
3. Document the **End Hold Date and Time**, add comment if applicable, and click **Continue**

Start Transfusion Date and Time: 9/24/2024 08:50 EDT

\*Start Hold Date and Time:

\*Reason for Hold:

End Hold Date and Time:

Comments:

Remember to record vital signs as per NH Blood Transfusion Policy and Procedure

## Ad Hoc Vital Signs

1. Click **Record Vital Signs**

Transfusions	Vital Signs
<input type="button" value="Start Transfusion"/>	<input type="button" value="Record Vital Signs"/>
Transfusion started 9/24/2024 08:50 EDT.	Record vitals 9/24/2024 09:05 EDT.
<input type="button" value="Multi-Unit Transfusion"/>	<input type="button" value="Browse Vital Signs History"/>
<input type="button" value="Hold Transfusion"/>	
<input type="button" value="End Transfusion"/>	

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

2. Enter patient vital signs, and click **Continue**.

Almost there. Don't forget to End the transfusion! 😊

## End Transfusion

1. When transfusion is complete, click **End Transfusion**

Transfusions

Transfusion started 8/30/2024 14:04 EDT.

2. Scan the **Blood Unit Number** and **Product Number** OR click the corresponding radial button for the blood product, and click **Continue**
3. Document the volume transfused and if a Transfusion Reaction occurred. Click **Continue**

End Transfusion Date/Time: 8/30/2024 14:29 EDT [Change](#)

\*Volume transfused:  mL

\*Transfusion reactions?

End Transfusion Comment:

4. Enter End Transfusion vital signs, click **Continue**

Transfusion Complete!  
Great work! 🎉

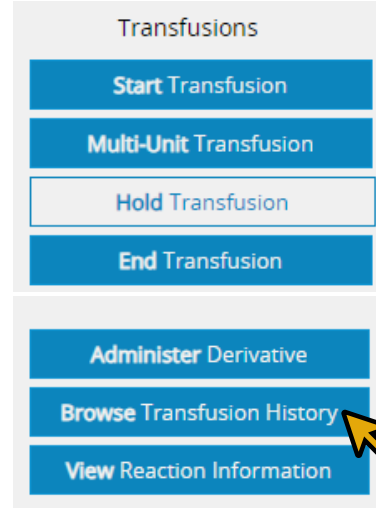


# BRIDGE TRANSFUSION ADMINISTRATION

## HOSPITAL INFORMATION SYSTEM (HIS)

### Browse Transfusion History

- To review or make changes to transfusions in Bridge, click **Browse Transfusion History**



- You can either click on the **i (Info icon)** to view details or the **pencil (Edit icon)** to make changes. You can also click the **No** hyperlink for the completed transfusion to change to Yes if the patient had a transfusion reaction

Edit	Info	Started	Ended	Unit Number (Product Name)	Volume	<input type="checkbox"/> Unlock	Reactions
		9/3/2024 12:18 EDT (by RN1)	9/3/2024 12:19 EDT (by RN1)	W067108771803 (RBC CPD AS1 500)	250.00	<input type="checkbox"/>	No
		9/3/2024 12:07 EDT (by RN1)	9/3/2024 12:07 EDT (by RN1)	W067108471803 (RBC CPD AS1 500)	23.00	<input type="checkbox"/>	Yes

### 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
- 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.
- See NH Blood Transfusion policy and procedure

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

### Transfusion Reaction

- A Transfusion Reaction can be documented during the End Transfusion workflow by choosing **Yes** in the dropdown menu for **'Transfusion reactions?'** before ending the transfusion
- Type **'see Nursing Notes "Blood Transfusion"'** in comment section, and click **Continue**

End Transfusion Date/Time: 9/3/2024 10:32 EDT [Change](#)

\*Volume transfused:  mL

\*Transfusion reactions? **Yes** ▼

End Transfusion Comment:  <sup>3</sup>

[Continue](#) [Exit](#)

- Check off the patient's signs and symptoms, then click **Continue**
- Read and follow the **Reaction Instructions**, and click **Continue**

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

Check all labels, forms and the patient's identification band to determine if there is a clerical discrepancy

Return clamped/capped IV tubing and product back to Transfusion Medicine

[Continue](#) [Exit](#)

- Enter End Transfusion vital signs, click **Continue**
- 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