BRIDGE TRANSFUSION ADMINISTRATION
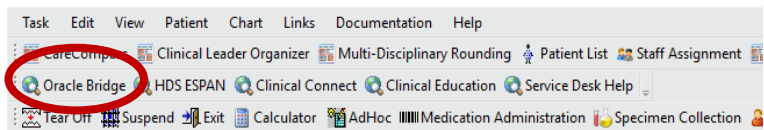## HOSPITAL INFORMATION SYSTEM (HIS)

BRIDGE- MASSIVE TRANSFUSION PROTOCOL

For MTP or Code Omega, document transfusions using Bridge

Multi- Unit Transfusion

1. Launch **Oracle Bridge** from the Tool Bar
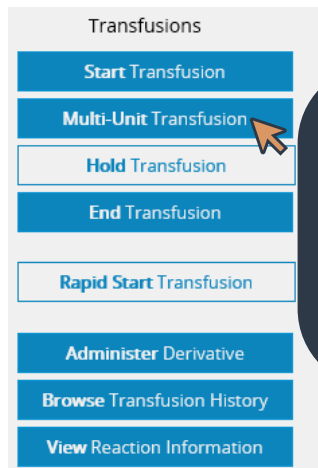
2. Scan the patient's wristband
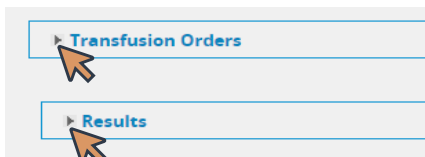
3. **Record Vitals** in Bridge

Bridge vitals flow to Power Chart, Power Chart vitals do NOT flow to Bridge
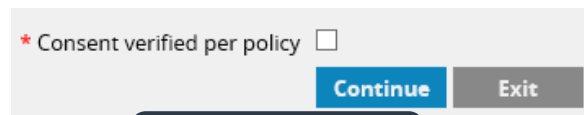
4. Click **Multi- Unit Transfusion**

Two users can work in the same patient file at a time- one to maintain all blood products, one to enter vitals

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

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

Red asterisks (*) are mandatory fields

7. 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 <u>Yes</u> if recipient tag is complete (patient's name, DOB, MRN#, and blood type). This will be the case for crossmatched blood products. Otherwise, select <u>No</u>.
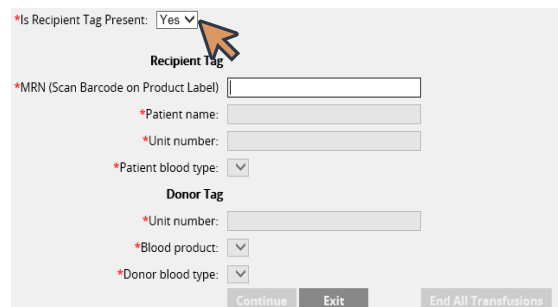
If **recipient tag** is complete and **Yes** is selected, scan the Blood Bank Cross Match Recipient Tag.

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

> If recipient tag is not complete, select <u>No</u>.

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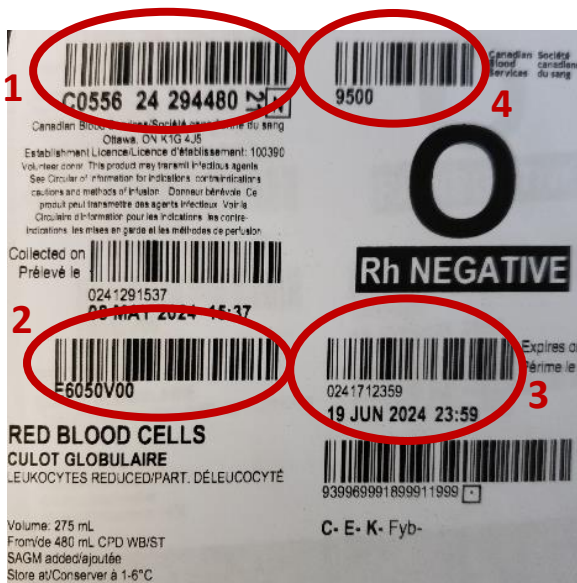   **3** Scan the **Expiration Date**
   4 Scan the **Donor Blood Type**

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

> Independent double check is completed at the bedside as per policy

11. 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

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

13. 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

14. Click **Verify & Start** once the blood has reached the patient

> After adding all the components, exit the screen to <u>Record Vitals</u>, as per policy, and return to Multi- Unit Transfusion

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

15. When the blood bag is finished infusing, enter the volume transfused and if a reaction occurred

number	Division	Donor blood type	Crossmatch	Verify	Volume	Reaction	End Transfusion Date/Time	All
8071803	00	O negative	No	☐		∨		Start
8971803	00	O negative	Yes	☑		∨	9/3/2024 14:47	End

16. 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	All
9/3/2024 14:32 EDT	RBC CPD AS1 500	W067108071803	00	O negative	No	☐		∨		Start
9/3/2024 14:24 EDT	RBC CPD AS1 500	W067108971803	00	O negative	Yes	☑	250	No ∨	9/3/2024 14:51	End

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

* IV Site: [▼]

* Site of Administration [   ]

Continue   **Exit**

18. The transfusion status updates

vision	Donor blood type	Crossmatch	Verify	Volume	Reaction	End Transfusion Date/Time	All	
	O POSITIVE	No	☑	200.00	No ∨	9/25/2024 14:13		**Transfusion Ended**

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

					Continue	Exit	End All Transfusions			○ Add	⦿ Verify		
Date/Time	Blood product	Unit number	Division	Donor blood type	Crossmatch	Verify	Volume	Reaction	End Transfusion Date/Time	All		Release
9/3/2024 14:32 EDT	RBC CPD AS1 500	W067108071803	00	O negative	No	☐		∨			Start	🗑
9/3/2024 14:24 EDT	RBC CPD AS1 500	W067108971803	00	O negative	Yes	☐		∨			Start	🗑

20. **Exit**.

Remember to record post transfusion vitals in Bridge! 😊

Administer POOLED Derivatives- IV Infusible

1. Click **Administer Derivative**

Transfusions

Start Transfusion

Multi-Unit Transfusion

Hold Transfusion

End Transfusion

Rapid Start Transfusion

Administer Derivative

Browse Transfusion History

View Reaction Information

Pooled Derivatives- IV Infusible examples: Fibrinogen, Octaplex, Factor IX, etc.

2. Select the **pooled IV derivative**

* Select blood plasma derivative:

| PCC |
| Fibrinogen |
| Albumin |
| IVIG |
| C1 Est |
| RhIg |
| IG Not IV |
| Tissue |
| Factor |
| SCIG |
| Other |

Exit

Updated   St   Derivative

The pooled IV bag will have multiple labels on it. Each label is scanned in Bridge

3. Scan the **recipient tag**

* MRN (Scan Barcode on Product Label): [   ]

* Patient Name: [   ]

* Lot #: [   ]

St. Catharines Site

PATIENT:▮▮▮▮▮▮
UNIQUE:11053272   PATIENT BLOOD TYPE
LOCATION:SC NHEMO   **B POS**
DOB:28/FEB/48 SEX:Male
Spec#:100−24−235−00090

UNIT #:▮▮▮▮▮   UNIT BLOOD TYPE
VOLUME:▮▮▮
DISPENSED BY:BRIAN.THONG   DISPENSED ON:08/22/24 1408
PRODUCT:▮▮▮▮▮   EXPIRY:06/18/26

4. Scan the **product label**

* Lot # Validation:	
* Expires:	

5. Enter **derivative product** and '0' for **volume** for the first labels. Always enter a volume in field even if it is '0'

* Fibrinogen Product:	FIBRYGA 1G ⌄
Dosage:	
Volume:	0	mL
IV Site:	

6. Complete mandatory fields. Second nurse to complete their **independent checks.** Click **Start**

* Consent verified per policy:	☐
Comment:	
* 2nd HCP Verify Two Patient Identifiers:	☐
* 2nd HCP Verify Tubing Setup/Pump Program:	☐

Start | Exit

7. Second nurse must enter their credentials to **co-sign**. Click **Start**

Cosignature
* User ID:	
* Password:	

Start | Exit

8. **Repeat steps 5-10 for all patient and derivative product labels.** This captures all of the product information in the pooled bag.

Started	Derivative	Reaction	Administered Volume(mL)
10/1/2024 14:36 EDT	Fibrinogen	⌄	200.00
10/1/2024 14:33 EDT	Fibrinogen	⌄	0
10/1/2024 14:32 EDT	Fibrinogen	⌄	0
10/1/2024 14:28 EDT	Fibrinogen	⌄	0

Table is in reverse chronological order (last product scanned appears on top)

💡 Enter the total pooled bag dosage and volume for the LAST derivative label ONLY. Otherwise, enter '0' zero for other derivative labels to avoid duplication. 💡

9. After the second nurse co-signs, Derivative status will show as **Administer Started**.

Derivative	Lot#/Seral#	Status	ExpirationDate	Update
Fibrinogen	C09H078183	ADMINISTER STARTED	8/14/2026 00:00 EDT	
Fibrinogen	C09H078183	ADMINISTER STARTED	8/14/2026 00:00 EDT	

Start times will need to be edited later on to capture accurate data

Don't forget to record vitals in Bridge 🫧

Pooled Fibrinogen IV is finished transfusing... almost there!

Ending Infusible Pooled Derivative

1. Open **Oracle Bridge** from Power Chart toolbar and **scan patient's wristband**
2. Click **Administer Derivatives**
3. Once pooled IV bag is finished transfusing, click the box under the **Updated** column

Updated	Started	Derivative
☑	10/1/2024 14:28 EDT	Fibrinogen
☐	10/1/2024 14:28 EDT	Fibrinogen

4. **Update the Date/Time** derivative by clicking in the field. Record if a **reaction** occurred by selecting Yes/No.

Update Date/Time	Reaction	Administered Volume(mL)
10/1/2024 15:07	No ∨	
	∨	

5. Update the administered **volume** if needed, click **Complete**

No ∨	200.00

Hold   **Complete**

6. Repeat steps 3-5 for each derivative. End the derivatives with the same time under **Update Date/Time** column by using backspace and entering the time for each

Remember, only enter the total pooled bag volume and dosage for the last derivative

Update Date/Time	Reaction	Administered Volume(mL)
10/1/2024 15:07 ✕	No ∨	0
10/1/2024 15:07	No ∨	0
10/1/2024 15:07	No ∨	0
10/1/2024 15:07	No ∨	200.00

Pooled Fibrinogen 4gm IV example

Administer Derivatives

* Select blood plasma derivative: [∨]

Start   **Exit**

Updated	Started	Derivative	Lot#/Serial#	Status	ExpirationDate	Update Date/Time	Reaction	Administered Volume(mL)
☑	10/1/2024 14:28 EDT	Fibrinogen	H01H051313	ADMINISTER COMPLETED	5/21/2025 00:00 EDT	10/1/2024 15:07	No ∨	0
☑	10/1/2024 14:28 EDT	Fibrinogen	H01H051313	ADMINISTER COMPLETED	5/21/2025 00:00 EDT	10/1/2024 15:07	No ∨	0
☑	10/1/2024 14:28 EDT	Fibrinogen	H01H051313	ADMINISTER COMPLETED	5/21/2025 00:00 EDT	10/1/2024 15:07	No ∨	0
☑	10/1/2024 14:28 EDT	Fibrinogen	H01H051313	ADMINISTER COMPLETED	5/21/2025 00:00 EDT	10/1/2024 15:07	No ∨	200.00

Hold   **Complete**

7. Click **Exit**
8. Check **Browse Transfusion History** to edit **Administer Start Times**

Transfusions

Start Transfusion
Multi-Unit Transfusion
Hold Transfusion
End Transfusion
Rapid Start Transfus
Administer Derivative
Browse Transfusion History
View Reaction Information

Let's make sure accurate information is documented 😊

9. Click on the **pencil** icon under the **Edit** column to change the administered times for accuracy

Edit	Info	Started	Ended	Unit Number (Product Nam
✏	ⓘ	10/1/2024 14:36 EDT (by NHSNURSERN)		H01H051313 (Fibrinoge
✏	ⓘ	10/1/2024 14:28 EDT (by NHSNURSERN)		H01H051313 (Fibrinoge
✏	ⓘ	10/1/2024 14:28 EDT (by NHSNURSERN) ❶		H01H051313 (Fibrinoge
✏	ⓘ	10/1/2024 14:28 EDT (by NHSNURSERN) ❶		H01H051313 (Fibrinoge

Click on black ❶ icon to view edits

10. Make the necessary changes to each derivative in the pooled product for **Administer Date/Times**

* Derivative:	Fibrinogen
* Administer Date/Time:	10/1/2024 14:36
Administer Hold Date/Time:	
Administer End Hold Date/Time:	
Administer End Date/Time:	
* MRN (Scan Barcode on Product Label):	3371803
* Patient Name:	TESTPATIENTPPID, AARON
* Lot #:	H01H051313
* Expires:	5/21/2025 00:00
* Fibrinogen Product:	FIBRYGA 1G ⌄
Dosage:	4gm
Volume:	200 mL
IV Site:	left forearm piv
* Consent verified per policy:	☑
* 2nd HCP Verify Two Patient Identifiers:	☑
* 2nd HCP Verify Tubing Setup/Pump Program:	☑
Edit Reactions:	

Confirm **Exit**

11. Click **Confirm**

Confirm **Exit**

12. **Exit**.

Transfusions complete! Great work! 🥳

niagarahealth

Hotel Dieu Shaver
HEALTH AND REHABILITATION CENTRE