



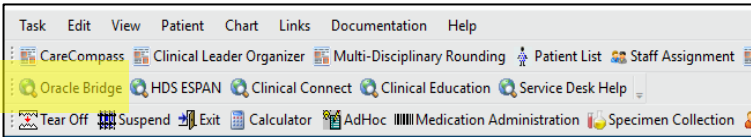
BRIDGE TRANSFUSION ADMINISTRATION HOSPITAL INFORMATION SYSTEM (HIS)

BRIDGE-MASSIVE TRANSFUSION PROTOCOL

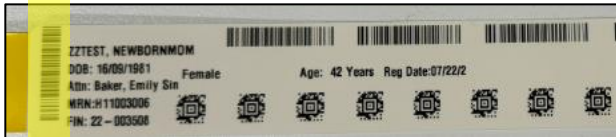
MTP or Code Omega

6 PRBCs, 4 Plasmas, 1 Platelets (Components)

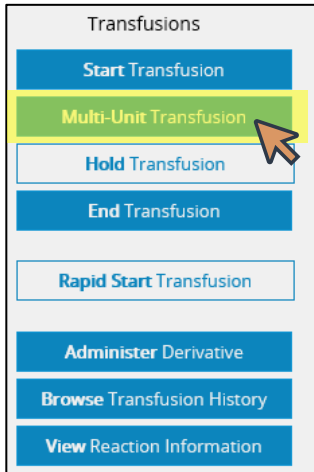
1. Ensure CapsLock is off
2. Click **Oracle Bridge** once from the Tool Bar and wait.



3. Scan the patient's FIN (vertical barcode only) on their wristband



4. Click **Multi- Unit Transfusion**



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

* Consent verified per policy

Continue **Exit**

Red asterisks (*) are mandatory fields

“Is recipient tag present?”

Yes = Crossmatched transfusions

No = UNcrossmatched transfusions

6. (A) If transfusing **Crossmatched** blood component, click **YES and SCAN** the Blood Bank Cross Match Recipient Tag (square QR code on sticker).

*Is Recipient Tag Present: **Yes** ▾

Recipient Tag

*MRN (Scan Barcode on Product Label)

*Patient name:

*Unit number:

*Patient blood type: ▾

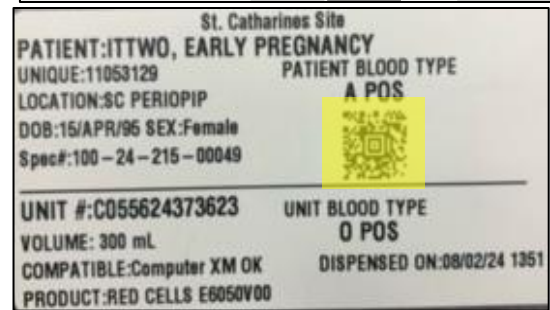
Donor Tag

*Unit number:

*Blood product: ▾

*Donor blood type: ▾

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



6. (B) If transfusing **UNcrossmatched** blood, click **NO. DO NOT scan QR code**

*Is Recipient Tag Present: **No** ▾

Donor Tag

*Unit number:

*Blood product: ▾

*Donor blood type: ▾

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



BRIDGE TRANSFUSION ADMINISTRATION HOSPITAL INFORMATION SYSTEM (HIS)

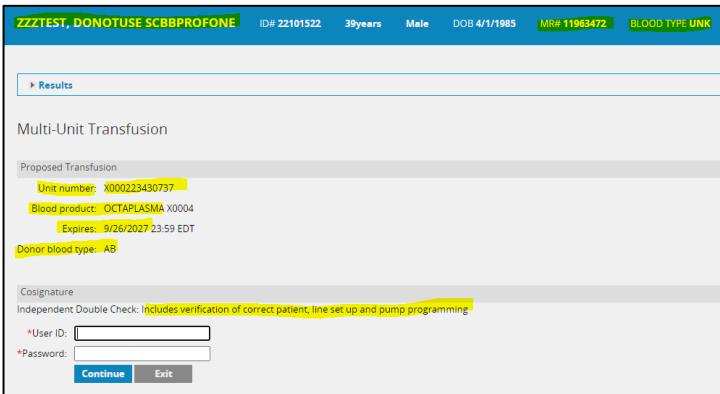
7. Scan the Blood Donor Bag Labels (U pattern)

- 1 Scan the **Unit Number**
- 2 Scan the **Blood Product**
- 3 Scan the **Expiration Date**
- 4 Scan the **Donor Blood Type**

See Appendix A- Bridge Component Scanning



8. Once you click Start, the IDC page appears. Pause. Two HCPs must complete independent double checks: checking the screen, blood bag, and patient ID.



- 9. The second nurse enters their credentials- cannot be the nurse who is currently logged in Bridge.
- 10. Click **Continue**

11. The blood component will appear in a table format.

Date/Time	Blood product	Unit number	Division	Donor blood type	Crossmatch	Verify	Volume	Reaction	End Transfusion Date/Time	Release
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

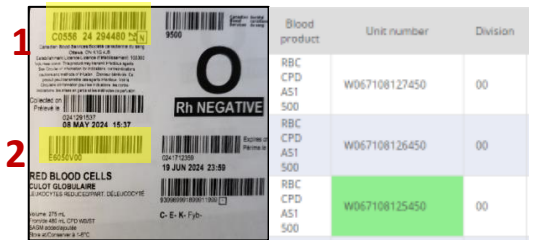
The table lists in reverse chronological order with the most recently scanned component added to the top of the list. Adding/scanning the components in 'Add' mode does NOT start the transfusion. Click Verify and Start once you've hung the bag- see next steps.

12. Once 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

13. For your first blood bag, you will only have 1 product on your list to select. Click the Verify box beside the blood bag.

- a. When you get to the point where there are multiple bags in your table, select the blood bag ready to start and hang by scanning the blood **Unit Number** and the **Blood Product**.



Scanning the Unit number and Blood Product code will highlight and select the component from your list.



BRIDGE TRANSFUSION ADMINISTRATION HOSPITAL INFORMATION SYSTEM (HIS)

14. A pop up will show after clicking the Verify box or scanning those 2 barcodes. **Click Verify & Start.**

Verify & Start = verifies and starts the bag you selected

Verify = does NOT start the transfusion just yet. You must click the Start button when you are ready to start/hang bag.

Suggestion: Always Verify & Start your first blood bag before scanning in the rest

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

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)

At this point, you've added and started the first blood bag, let's add the rest of the components:

15. Click Add radial button

16. Repeat steps 5 – 10

At this point, you've added more components and it's time to End the first bag.

17. Click Verify radial button

18. 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
8071803	00	O negative	No	<input type="checkbox"/>			
8971803	00	O negative	Yes	<input checked="" type="checkbox"/>			9/3/2024 14:47

19. 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	Release
9/3/2024 14:32 EDT	RBC CPD A51 500	W067108071803	00	O negative	No	<input type="checkbox"/>				
9/3/2024 14:24 EDT	RBC CPD A51 500	W067108971803	00	O negative	Yes	<input checked="" type="checkbox"/>	250	No	9/3/2024 14:55	End

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

21. The transfusion status updates

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

22. To start another component, repeat steps 13(a)-14 ensuring you are in Verify mode (if not already)

23. To end another component, repeat steps 18-20 ensuring you are in Verify mode (if not already)

24. Click **Exit**.

25. See next page for Releasing Unused Products if there are unused components returned to Blood Bank.

See Appendix B- Multi-Unit Table





BRIDGE TRANSFUSION ADMINISTRATION

HOSPITAL INFORMATION SYSTEM (HIS)

Releasing Unused Blood Components (PRBCs, Plasma, Platelets)

If blood components have been scanned into Bridge Multi-Unit Transfusion but are not needed and have not been used, they must be removed from Bridge and returned to the 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 unused blood bag.

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

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

DO NOT put markings on the Canadian Blood Services label. You can only place markings or stickers on the Blood Bank Cross Match recipient label



BRIDGE TRANSFUSION ADMINISTRATION HOSPITAL INFORMATION SYSTEM (HIS)

Pooled Fibrinogen 4g- IV Derivative

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



2. Select **Fibrinogen**

* Select blood plasma derivative:

PCC	
Fibrinogen	Exit
Albumin	
IVIG	
C1 Est	Derivative
Rhlg	
IG Not IV	
Tissue	
Factor	
SCIG	
Other	

Updated: No Data Found.

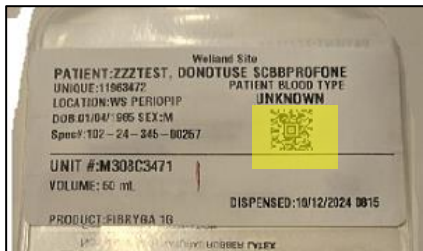
Fibrinogen 4g will have 4 labels and come with 4 boxes. Each label must be scanned in Bridge. See Appendix C- Scanning Pooled Fibrinogen 4g

3. Scan the **recipient tag (1 of 4 QR codes on the bag)**

* MRN (Scan Barcode on Product Label):

* Patient Name:

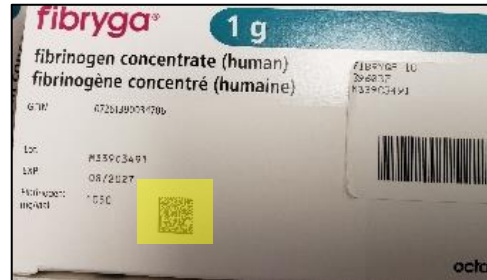
* Lot #:



4. Scan the **product label** (code on 1 of 4 boxes)

* Lot # Validation:

* Expires:



Each QR code on the bag will match its corresponding box.

5. Enter **derivative product** using drop down menu and '0' for **volume**, and **IV site** 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: Rt ac piv

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.

6. Complete mandatory fields, add comment "MTP Pooled Fibrinogen". Second nurse to acknowledge their **independent checks**. Click **Start**

* Consent verified per policy:

Comment: MTP Pooled Fibrinogen

* 2nd HCP Verify Two Patient Identifiers:

* 2nd HCP Verify Tubing Setup/Pump Program:

Start **Exit**

7. Once you click Start, the IDC page appears. Pause. Two HCPs must complete independent double checks: checking the screen, blood bag, patient ID, IV set up, and pump settings



BRIDGE TRANSFUSION ADMINISTRATION HOSPITAL INFORMATION SYSTEM (HIS)

8. Second nurse enters their credentials. Click Start

Cosignature

* User ID:

* Password:

Start Exit

The pooled IV bag will have multiple labels on it. Fibrinogen 4g will have 4 labels. Each label must be scanned in Bridge. Complete steps 2-8 for each Fibrinogen label. Only enter the total dose and volume for the last (4th) derivative label.

9. Repeat steps 2-8. This captures all of the product information in the pooled bag. Remember to enter the total dose and total volume for the fourth label you scan and '0' mL for the others. The Administered Volume column should look like this:

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

10. At this point, all derivative status will show as **Administer Started**.

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

Ending Pooled Fibrinogen 4g- IV Derivative

Each Fibrinogen label started must be ended.

Administer Derivative

Browse Transfusion History

View Reaction Information

1. Once pooled IV bag is finished transfusing, click the box under the **Updated** column one row at a time

Updated	Started	Derivative
<input checked="" type="checkbox"/>	10/1/2024 14:28 EDT	Fibrinogen
<input type="checkbox"/>	10/1/2024 14:28 EDT	Fibrinogen

2. One row at a time, **Update the End Date/Time** 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	200.00
	▼	0

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

No	200.00
Hold	Complete

4. Repeat steps above to End each row of fibrinogen. **Make sure to edit the end times for all 4 to match.**

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

Administer Derivatives

* Select blood plasma derivative:

Start **Exit**

Updated	Started	Derivative	Lot#/Serail#	Status	ExpirationDate	Update Date/Time	Reaction	Administered Volume(mL)
<input checked="" type="checkbox"/>	10/1/2024 14:28 EDT	Fibrinogen	H01H051313	ADMINISTER COMPLETED	5/21/2025 00:00 EDT	10/1/2024 15:07	No	0
<input checked="" type="checkbox"/>	10/1/2024 14:28 EDT	Fibrinogen	H01H051313	ADMINISTER COMPLETED	5/21/2025 00:00 EDT	10/1/2024 15:07	No	0
<input checked="" type="checkbox"/>	10/1/2024 14:28 EDT	Fibrinogen	H01H051313	ADMINISTER COMPLETED	5/21/2025 00:00 EDT	10/1/2024 15:07	No	0
<input checked="" type="checkbox"/>	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**

5. Click **Exit**



BRIDGE TRANSFUSION ADMINISTRATION HOSPITAL INFORMATION SYSTEM (HIS)

Start times will need to be edited to capture accurate data

Reconciling Fibrinogen 4g Start Times

1. In the Main page, click Browse Transfusion History

Transfusions

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

2. Click the pencil icon under the **Edit** column to change the administered times for accuracy. Change times so that Start times all match for all 4

Edit	Info	Started	Ended	Unit Number (Product Name)
	ⓘ	10/1/2024 14:36 EDT (by NHSNURSERN)		H01H051313 (Fibrinogen)
	ⓘ	10/1/2024 14:28 EDT (by NHSNURSERN)		H01H051313 (Fibrinogen)
	ⓘ	10/1/2024 14:28 EDT (by NHSNURSERN) ⓘ		H01H051313 (Fibrinogen)
	ⓘ	10/1/2024 14:28 EDT (by NHSNURSERN) ⓘ		H01H051313 (Fibrinogen)

Click on black ⓘ icon to view edits

3. Change start times to reflect the actual start of the pooled Fibrinogen bag. Start times should all match

* 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**

4. Click Confirm
5. Repeat steps for the rest of the 2 fibrinogen labels so that all 4 have the same start times.
6. Exit.

See Appendix D- Pooled Fibrinogen 4g IV for an illustration in Administer Derivatives



BRIDGE TRANSFUSION ADMINISTRATION HOSPITAL INFORMATION SYSTEM (HIS)

Appendix A- Bridge Component Scanning

<p>Plasma</p> <p>Plasma may arrive with 4 or 5 barcodes; see Scanning variations</p>	
<p>Platelets</p>	
<p>PRBC</p>	

Components = PRBC, Plasma, Platelets



BRIDGE TRANSFUSION ADMINISTRATION HOSPITAL INFORMATION SYSTEM (HIS)

Appendix B- Multi-Unit Table

Ready to Verify Start/Release

Ready to Verify Start/Release

Ready to Transfuse

Ready to Transfuse

Ready to Transfuse

Transfusing

Transfusing

Transfused

		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	
11/6/2024 12:03 EST	RBC CPD AS1 500	W067108127450	00	O negative	No	<input type="checkbox"/>				All	Start	
11/6/2024 12:03 EST	RBC CPD AS1 500	W067108126450	00	O negative	No	<input type="checkbox"/>				All	Start	
11/6/2024 12:03 EST	RBC CPD AS1 500	W067108125450	00	O positive	No	<input checked="" type="checkbox"/>				All	Start	
11/6/2024 12:02 EST	RBC CPD AS1 500	W067108124450	00	O positive	No	<input checked="" type="checkbox"/>				All	Start	
11/6/2024 12:02 EST	RBC CPD AS1 500	W067108906789	00	A positive	No	<input checked="" type="checkbox"/>				All	Start	
11/6/2024 12:02 EST	RBC CPD AS1 500	W067108905678	00	O positive	No	<input checked="" type="checkbox"/>			11/6/2024 12:23	All	End	
11/6/2024 12:01 EST	RBC CPD AS1 500	W067108904567	00	O negative	No	<input checked="" type="checkbox"/>			11/6/2024 12:23	All	End	
11/6/2024 12:01 EST	RBC CPD AS1 500	W067108123450	00	O positive	No	<input checked="" type="checkbox"/>	300.00	No	11/6/2024 12:23	All	Transfusion Ended	



BRIDGE TRANSFUSION ADMINISTRATION HOSPITAL INFORMATION SYSTEM (HIS)

Appendix C – Scanning Pooled Fibrinogen 4g

Scan 1st FIBRINOGEN bag barcode
Scan 1st FIBRINOGEN box barcode
Complete Independent Double Check
Click **START**

Scan 2nd FIBRINOGEN bag barcode
Scan 2nd FIBRINOGEN box barcode
Complete Independent Double Check
Click **START**

Scan 3rd FIBRINOGEN bag barcode
Scan 3rd FIBRINOGEN box barcode
Complete Independent Double Check
Click **START**

Scan 4th FIBRINOGEN bag barcode
Scan 4th FIBRINOGEN box barcode
Complete Independent Double Check
Click **START**

Bridge Medical

SAMUELS, REESE ID# 19225560 59years Female DOB 8/22/1965 MR# 300077 BLOOD TYPE UNK

Transfusion Orders

Results

Administer Derivatives

- Select blood plasma derivative: Infusible
- Administer Date/Time: 11/6/2024 14:29 EST Change
- MRN (Scan Barcode on Product Label): 300077
- Patient Name: SAMUELS, REESE
- Lot #: C09H078183
- Expires: []
- Infusible Product: []
- Dosage: []
- Volume: [] mL
- IV Site: []
- Consent verified per policy:
- Comment: []
- 2nd HCP Verify Two Patient Identifiers:
- 2nd HCP Verify Tubing Setup/Pump Program:

Start Exit

Updated	Started	Derivative	Lot#/Serial#	Status	ExpirationDate
No Data Found.					

Error: The Lot# / Serial # entered has already been given to this patient. Do you want to continue giving the same Lot# / Serial #?

Yes No



BRIDGE TRANSFUSION ADMINISTRATION HOSPITAL INFORMATION SYSTEM (HIS)

Appendix D – Pooled Fibrinogen 4g IV

Pooled Fibrinogen 4g IV example

Administer Derivatives

* Select blood plasma derivative:

Updated	Started	Derivative	Lot#/Serial#	Status	ExpirationDate	Update Date/Time	Reaction	Administered Volume(mL)
<input checked="" type="checkbox"/>	10/1/2024 14:28 EDT	Fibrinogen	H01H051313	ADMINISTER COMPLETED	5/21/2025 00:00 EDT	10/1/2024 15:07	No	0
<input checked="" type="checkbox"/>	10/1/2024 14:28 EDT	Fibrinogen	H01H051313	ADMINISTER COMPLETED	5/21/2025 00:00 EDT	10/1/2024 15:07	No	0
<input checked="" type="checkbox"/>	10/1/2024 14:28 EDT	Fibrinogen	H01H051313	ADMINISTER COMPLETED	5/21/2025 00:00 EDT	10/1/2024 15:07	No	0
<input checked="" type="checkbox"/>	10/1/2024 14:28 EDT	Fibrinogen	H01H051313	ADMINISTER COMPLETED	5/21/2025 00:00 EDT	10/1/2024 15:07	No	200.00

All 4 derivatives in the pooled bag are started on the same day at the same time

Pooled IV bag transfusion has been completed

All 4 derivatives in the pooled bag are ended on the same day at the same time

Pooled Fibrinogen 4gm IV will come with 4 Blood bank recipient tag labels and 4 product packaging labels which have all been scanned, as listed above.

A total of 200mL pooled Fibrinogen IV bag was administered. Total dose and transfusion site will be viewable when clicking more info in Browse Transfusion History. Total dose and IV site will be charted along with the total volume for only the last scanned derivative.

General | Reactions | Vitals | Holds

Times | Results

Date/Time started: 10/1/2024 14:28 EDT
 Started by: Morosin Test, Julianne
 Date/Time ended: 10/1/2024 15:07 EDT
 Ended by: Morosin Test, Julianne

Blood Plasma Derivatives

Derivative: Fibrinogen
 Patient ID: 3371803
 Patient Name: TESTPATIENTPPID, AARON A
 Lot #: H01H051313
 Expires: 5/21/2025 00:00 EDT
 Fibrinogen Product: FIBRYGA 1G

Dosage: 4gm
 Volume: 200.00 mL
 IV Site: left forearm plv

Consent verified per policy: True
 2nd HCP Verify Two Patient Identifiers: True