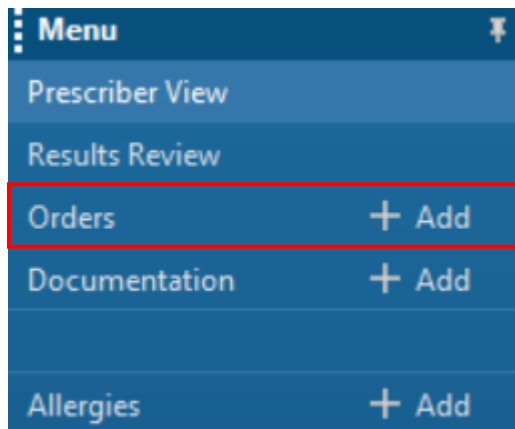


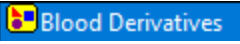
### DERIVATIVES ADMINISTRATION USERS

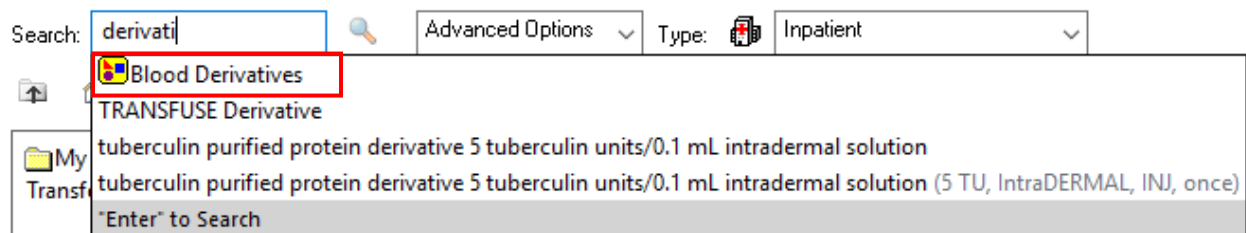
#### Blood Transfusion: Orders

##### Placing Transfusion PowerPlan:

1. Navigate to Table of Contents (Blue Menu) and select  next to orders.



2. The Add Order dialogue box opens. In the search bar, start typing in “derivatives” and select the  PowerPlan to view.

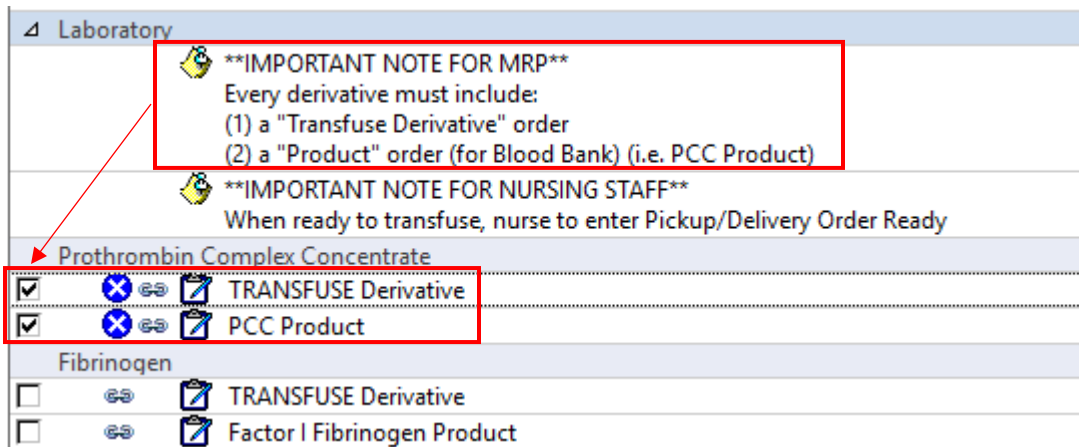


3. Check boxes next to medications to include in the PowerPlan where applicable

Pre-Infusion Medications		
<input type="checkbox"/>	 acetaminophen	650 mg, PO, TAB, once 30 minutes pre-transfusion
<input type="checkbox"/>	 diphenhydrAMINE	25 mg, PO, CAP, once 30 minutes pre-transfusion
<input type="checkbox"/>	 diphenhydrAMINE	25 mg, IV, INJ, once 30 minutes pre-transfusion

4. Select Blood Products to be transfused

- **Note:** “Product” Order is prechecked when checking the “Transfuse Blood Product” Order. It is important to ensure both orders are checked as shown below.



4 Laboratory

**\*\*IMPORTANT NOTE FOR MRP\*\***  
Every derivative must include:  
(1) a "Transfuse Derivative" order  
(2) a "Product" order (for Blood Bank) (i.e. PCC Product)

**\*\*IMPORTANT NOTE FOR NURSING STAFF\*\***  
When ready to transfuse, nurse to enter Pickup/Delivery Order Ready




Prothrombin Complex Concentrate

<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	TRANSFUSE Derivative
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	PCC Product

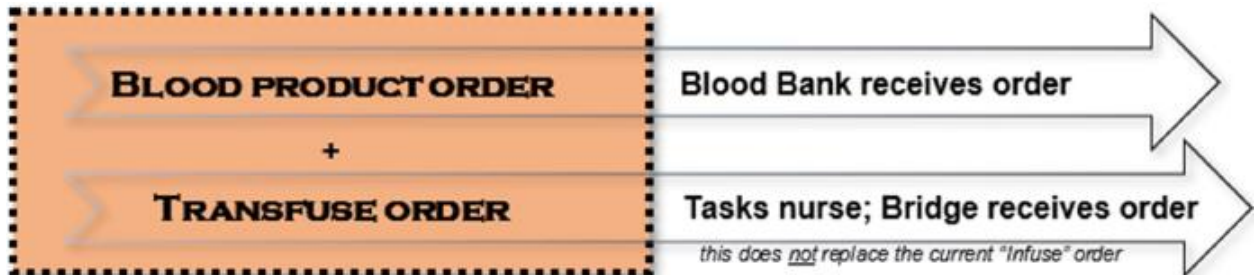
Fibrinogen

<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	TRANSFUSE Derivative
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Factor I Fibrinogen Product

**Please refer to page three to review and ensure the linkage of blood products**

- **Note:** The TRANSFUSE order will anchor to the first Derivative PRODUCT - often the most common product ordered in that list. If that is not the desired product, then prescribers need to know to unclick the PRODUCT order (only), and re-click the product they would like.
5. IMPORTANT: Ensure the number of units entered in “Product” and “Transfuse Blood Product” Orders match.
6. After filling out all the missing required details, indicated by , click  to place the PowerPlan in a “Planned” state or click  to initiate the PowerPlan now.

### Ordering blood products must always LINK



The inclusion of TRANSFUSE Derivative has automatically included [1 linked component\(s\)](#)

Albumin: Include exactly 1 of 5 component(s).

<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	TRANSFUSE Derivative
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Albumin 25% 100mL Product
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Albumin 25% 50mL Product
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Albumin 5% 50mL Product
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Albumin 5% 250mL Product
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Albumin 5% 500mL Product

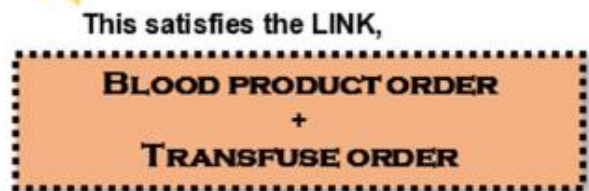
Clicking on the TRANSFUSE Derivative checkbox links with the most commonly used derivative in that category

<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	TRANSFUSE Derivative
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Albumin 25% 100mL Product
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Albumin 25% 50mL Product
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Albumin 5% 50mL Product
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Albumin 5% 250mL Product
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Albumin 5% 500mL Product

If a different product is required, unclick the unwanted product


<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	TRANSFUSE Derivative
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Albumin 25% 100mL Product
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Albumin 25% 50mL Product
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Albumin 5% 50mL Product
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Albumin 5% 250mL Product
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Albumin 5% 500mL Product

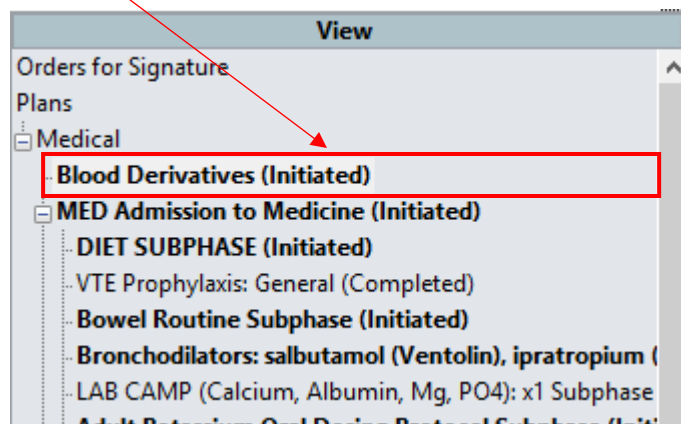
Click on the required product

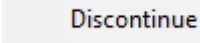


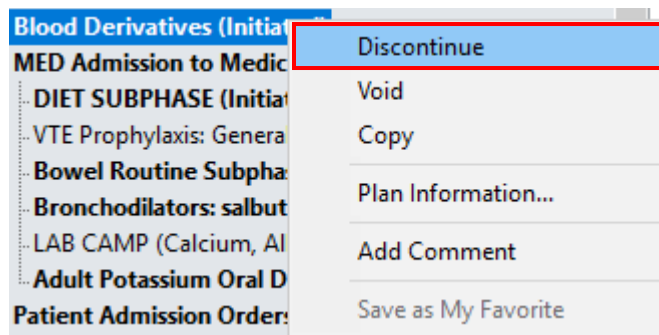
### Transfusion Reaction and Cancelling/Discontinuing the PowerPlan

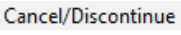
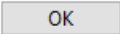
In the event that a nurse has notified you of a possible transfusion reaction, and when you have determined a transfusion reaction has occurred, the nurse will stop the transfusion immediately. Follow the steps below to cancel/discontinue the transfusion PowerPlan.

1. Navigate to Table of Contents (Blue Menu) and select 
2. From the view column, right-click the initiated Blood transfusion order.



3. Select 



- Note: You can cancel a specific order within a PowerPlan by right-clicking on the order and selecting . You are then prompted to select the reason for cancelling the order.
4. The Discontinue dialogue box opens, please note that the order and the accompanying consent form are preselected. Click 

## Current State Infuse Vs. Future State Transfuse

In the future state, nurse enters Pickup/Delivery Ready Order, which is replacing the INFUSE order in MEDITECH.

**Current State**

Category	Procedure	Procedure Name	Pri	Qty	Date	Time Here
1	TH	INFUSE				
2						
3						
4						
5						
6						
7						

Order Site: SCG  
 Collected By Nurse/RT/OR (Yes/No):  No \* Collected By: \_\_\_\_\_  
 Comments: \_\_\_\_\_  
 Product: RCC \*Red Cell Concentrate      Uncrossed Blood?  No \*  
 Comments: \_\_\_\_\_  
 Is the patient in the OR, Recovery Room or an Out-PT CLINIC? \*   
 Is patient actively bleeding? \*       Is ordering practitioner on-site? \*   
 Was Order Set ORD249 or ORD201 completed to order RCC? \*

+ paper printout/pneumatic tube

**Future State**

**Details for Pickup/Delivery Ready Order**

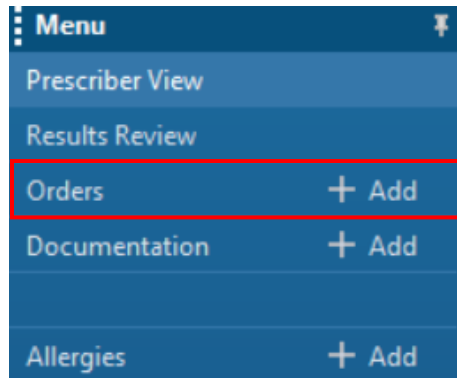
Details    Order Comments    Diagnoses

\*Blood Priority: Routine      \*Product Type: Red cells  
 \*Quantity: 1      Order Comments: \_\_\_\_\_

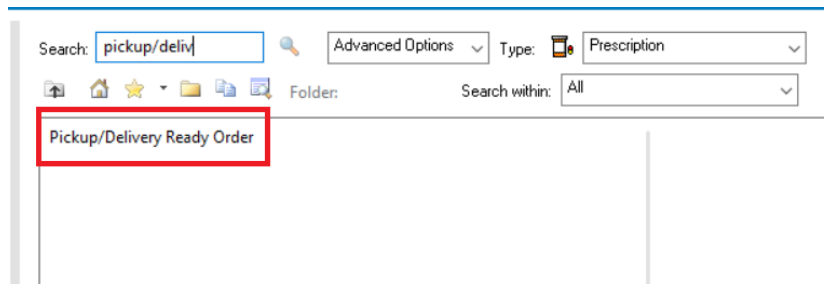
+ paper printout/pneumatic tube

## Ordering Pickup/Delivery Order: Nursing Staff

1. Navigate to Table of Contents (Blue Menu) and select + Add next to orders.



2. Start typing in "transfusion reaction" and select Pickup/Delivery Ready Order



3. Fill in the missing required details and additional information where applicable.
  - A. **Product Type** and **Quantity** are required to sign the order.
  - B. PTS Transport (Station Number): Utilised when the product is to be sent through the pneumatic tube system (SCS only).

**Details for Pickup/Delivery Ready Order**

Details | Order Comments | Diagnoses

\*Blood Priority: Urgent

PTS Transport (Station Number):   **B**

\*Product Type:   **A**

\*Quantity:   **A**

Order Comments:

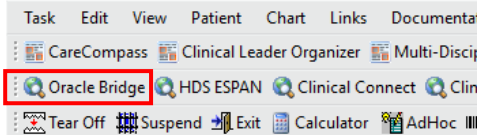
Special Instructions:

2 Missing Required Details | Dx Table | Orders For Cosignature | Orders For Nurse Review | Sign

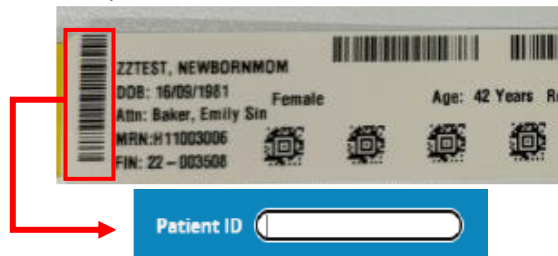
## Bridge Derivatives Transfusion

### Single-Unit Transfusion Start

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



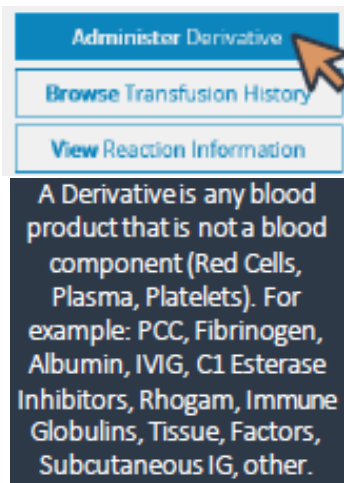
2. Scan patient's wristband.



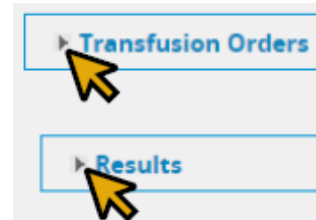
3. Click **Record Vital Signs**.



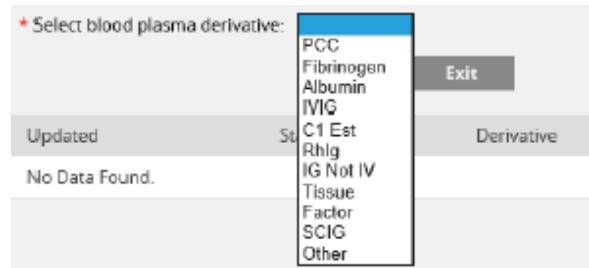
4. Click **Administer Derivatives**.



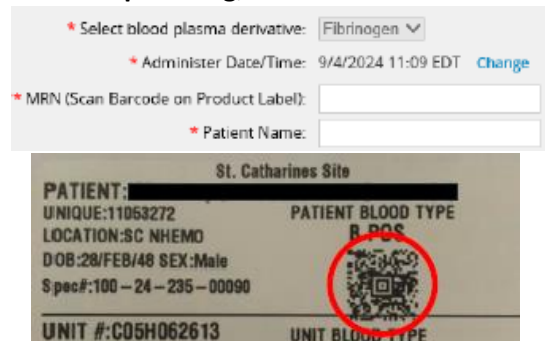
5. Expand and check **Transfusion Orders** and **Blood Results**.



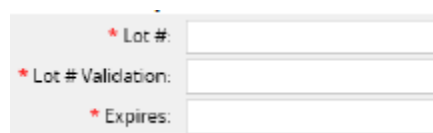
6. Select the **derivative**.



7. Scan **Recipient Tag**, and click **Continue**.



8. Scan **Product Label**.





# DERIVATIVES POWERPLAN HOSPITAL INFORMATION SYSTEM (HIS)

9. Enter **derivative product** and other fields – dose, volume, IV/inject site

### Injectable derivatives

\* IG not IV Product:

Dosage:

Volume:  mL

\* Inject Site:

### IV infusible derivatives

\* Albumin Product:

Dosage:

Volume:  mL

IV Site:

10. 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**

Independent double check is completed at the bedside as per policy 440-015-005 and starts at the patient's chart confirming the product

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

Cosignature

\* User ID:

\* Password:

**Start** **Exit**

12. After the second nurse co-signs:

- A. If this derivative is an **injectable**, **Status** will show **Administer Completed**. Skip to step 16.

Derivative	Lot#/Serial#	Status	ExpirationDate	Update Date/Time
IG Not IV	R02G042993	ADMINISTER COMPLETED	6/12/2025 00:00 EDT	9/4/2024 12:47

- B. If this derivative is an **IV infusion**, **Status** will show **Administer Started**.

Derivative	Lot#/Serial#	Status	ExpirationDate	Update Date/Time
IG Not IV	R02G042993	ADMINISTER COMPLETED	6/12/2025 00:00 EDT	9/4/2024 12:47
Albumin	C09H078183	ADMINISTER STARTED	8/14/2026 00:00 EDT	

After starting an infusible derivative, exit to record vitals, as per policy, and return to Administer Derivative once bag is finished

13. Once infusion is complete, click the box under the **Updated** column.

Updated	Started	Derivative
<input checked="" type="checkbox"/>	9/4/2024 12:47 EDT	IG Not IV
<input type="checkbox"/>	9/4/2024 11:34 EDT	Albumin

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

Update Date/Time	Reaction	Administered Volume(mL)
9/4/2024 12:47	No	1.00
<input type="text"/>	<input type="text"/>	100.00

**Hold** **Complete**



## DERIVATIVES POWERPLAN HOSPITAL INFORMATION SYSTEM (HIS)

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

Update Date/Time	Reaction	Administered Volume(mL)
9/4/2024 12:47	No	1.00
<input type="text"/>	<input type="text"/>	<input type="text" value="100.00"/>

**Hold** **Complete**

- Click **Exit**.

Administer Derivatives

\*Select blood plasma derivative:

**Start** **Exit**

Updated	Started	Derivative
<input checked="" type="checkbox"/>	9/4/2024 12:47 EDT	IG Not IV
<input checked="" type="checkbox"/>	9/4/2024 11:34 EDT	Albumin

- Derivative Administration is now complete.

### Holding IV Derivative Transfusion

- If there is a transfusion started but needs to be held, click **Administer Derivative**.

**Administer Derivative**

Browse Transfusion History

View Reaction Information

- Select the derivative under the **Updated** column

Updated	Started	Derivative
<input checked="" type="checkbox"/>	9/4/2024 12:47 EDT	IG Not IV
<input type="checkbox"/>	9/4/2024 11:34 EDT	Albumin

- Click and **update Date/ Time**. Click **Hold**

Update Date/Time	Reaction	Administered Volume(mL)
<input type="text"/>	<input type="text"/>	<input type="text" value="100.00"/>

**Hold** **Complete**

- Select **Reason for hold**, click **Continue**

**Hold Derivative Administration**

\*Reason For Hold:

**Continue** **Exit**

- Status will change to **Administer Held**

Status

ADMINISTER COMPLETED

**ADMINISTER HELD**

### Resuming IV Derivative Transfusion

- Once resumed, select the derivative under the **Updated** column

Started	Derivative	Lot#/Serial#	Status
9/4/2024 12:47 EDT	IG Not IV	R02G042993	ADMINISTER COMPLETED
9/4/2024 11:34 EDT	Albumin	C09H078183	<b>ADMINISTER HELD</b>

- Update the Date/Time and click **Resume**

Update Date/Time	Reaction	Administered Volume(mL)
9/4/2024 12:47	No	1.00
9/4/2024 13:06	<input type="text"/>	<input type="text" value="100.00"/>

**Resume** **Complete**

- Status will change to **Administer Resumed**

Status

ADMINISTER COMPLETED

**ADMINISTER RESUMED**

- Ensure to complete IV derivative transfusion documentation in Bridge.**