

Train

Documenting Blood Administration

Role(s) affected: Clinicians who administer blood products including inpatient, anesthesia, ED and pre-procedural and post-procedural areas.

When a blood product is ordered and prepared for administration, the Blood Bank electronically matches blood products to the patient. In the Blood Administration flowsheet, you can scan blood accurately and efficiently.

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Ordering Blood

Providers and nurses can order blood using the Blood Administration order set(s). For detail instructions for ordering blood, refer to the [Ordering Blood tip sheet](#).

Releasing Transfusion Orders

After a blood transfusion has been ordered, follow these steps to administer the blood product:

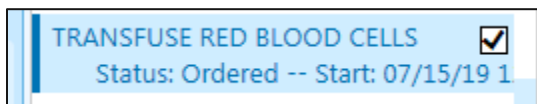
Release the orders in the **Blood Administration** flowsheet:

ED: Click on the link to Release Blood under the MAR in the ED Narrator.

Anesthesia: Select the patient on the StatusBoard and click **Intra** on the toolbar. Then, click **Blood** on the activity toolbar.

Inpatient: Click on **Flowsheets** and search for the **Blood Administration** flowsheet.

Click on the blood transfusion report that appears at the top of the Blood Administration flowsheet Table of Contents. Click the **Release Transfusion Report** to open the report and click **Release** to release a unit. Click the **X** to close the report.



The documentation group appears in the Blood Administration flowsheet for inpatient or in the ED Narrator. In the Release transfusion report, you are able to see the number of Transfusions ready to release and the number of transfusions already released.

Blood Products				Expand
Transfusions to release				
Ordered	02/09/16 2129	> TRANSFUSE RED BLOOD CELLS: 4 Units Transfusion (2 of 4 released)	Release	Start Unscheduled
"And" Linked Group Details				
Transfusions already released				
Ordered	02/09/16 1440	> TRANSFUSE RED BLOOD CELLS: 2 Units Transfusion (2 of 2 released)		Start 02/09/16 1439
"And" Linked Group Details				
02/09/16 1436	>	TRANSFUSE RED BLOOD CELLS: 1 Units Transfusion (1 of 1 released)		02/09/16 1435
"And" Linked Group Details				
01/28/16 0851	>	TRANSFUSE RED BLOOD CELLS Transfusion (2 of 2 released)		01/28/16 0849
"And" Linked Group Details				
01/28/16 0839	>	TRANSFUSE PLATELETS TRANSFUSE 2 POOLS (2 of 2 released)		01/28/16 0839
"And" Linked Group Details				
01/27/16 2031	>	TRANSFUSE GRANULOCYTES TRANSFUSE 2 UNITS (2 of 2 released)		01/27/16 2030
"And" Linked Group Details				
01/25/16 1104	>	TRANSFUSE PLASMA TRANSFUSE 2 UNITS (2 of 2 released)		01/25/16 1104
01/15/16 1253	>	TRANSFUSE PLATELETS TRANSFUSE 2 POOLS (2 of 2 released)		01/15/16 1252
"And" Linked Group Details				

Releasing the unit opens the Transfuse Red Blood Cells documentation rows in the flow sheet.

Flowsheets

File | Add Rows | LDAAvatar | Cascade | Add Col | Insert Col | Data Validate | Hide Device Data | Last Filed | Reg Doc | Graph | Go to Date | More

Vitals Simple | I&O (No IV Volumes) | IV Infusions & IV Fl... | Adult Patient Profile | **Blood Administration** | Blood Administration

Search (Alt+Comma)

Transfusion Release Report

Begin Blood Transfusion

TRANSFUSE RED BLOOD CELLS: 2 Units
(1 of 2 released)

Hide All Show All

Vitals ☒

Art Line (1) Monitoring ☒

Oxygen Therapy ☒

Pre-Transfusion Documentation ☒

TRANSFUSE RED BLOOD CELLS ☒
Status: Ordered -- Start: 07/12/19 1

Accordian Expanded View All

1m 5m 10m 15m 30m 1h 2h 4h 8h 24h

Based On: 0700 | Reset | Now

C16C
7/12/19
1030

Oxygen Therapy

Flow (L/min)

Oxygen Concentration (%)

O2 Device

Pre-Transfusion Documentation

Previous Transfusion?

Pre-Meds Given?

Informed Consent Obtained

TRANSFUSE RED BLOOD CELLS

Status: Ordered -- Start: 07/12/19 1039

Action

Rate

Volume

Line

Blood Admin Supplies

Suspected Reaction?

07/12/19 1030

Action

\$\$\$New Bag\$\$

Started During Downtime

Restarted

Stopped

Paused

Rate/Dose Change

Rate/Dose Verify

Handoff

The Blood Release form prints on the unit. The staff is required to take the blood release form to the Blood Bank to obtain the blood product for the patient.

Handwritten blood requisitions are for system downtime use only (includes IHIS downtimes, printer problems or other emergencies).

Reminder: You should release blood products only after you have checked each of the following:

- Informed Consent
- Vital Signs


Documenting the Administration of Blood Product

1. Complete the pre-transfusion documentation, which consists of three yes or no questions to indicate whether patient had previous transfusion, pre-medications were given, and that informed consent was obtained.
1. Enter vitals signs if needed. You can link vitals to documentation in the **Blood Administration** form.
2. Click in the **Action** row in the group you released for the specific blood product , select the type of action from the options and press **Enter** to open up the Administration window.

Action			

- Clicking on \$\$Newbag\$\$ or the appropriate MAR Action to document the blood administration.
 - In the ED Narrator, you do not have to click on the syringe. Instead, scan the product from the Narrator.
3. The **Link Line** prompt appears. Link the line appropriately. Notice that you can see all of the information for the properties row to help you select the correct line.
 4. The **Administration** window opens. Scan the patient's **wristband barcode**.

Scan the patient or provide an override reason



Override reason:

Override

5. Scan the blood bag's **Unit number** and **Product code** (required).
6. Scan the **Unit blood type**. (required)
 - The bag's blood type may be different from patient's blood type. Check the link to OSUWMC policy in the upper left corner of the administration window to open a compatibility chart.
 - Note: Capability checking is not done electronically in IHIS.


! Electronic verification is not enabled

Manually verify that this is the correct blood product for this patient.

Patient blood type:
Not on file

Unit number:

Product code:



7. Document the **rate of transfusion**.
8. Use the check box to link vitals taken previous to the transfusion (within timeline of policy)
9. Click **Accept** and answer your **Challenge Questions**.

Dual Verification Process Requirement

Dual Verification will now be initiated in IHIS. After you are asked to complete your challenge questions and nurse will be ask to complete Dual Signoff Summary.

10. Double check the blood product with another nurse or Licensed Independent Provider (LIP).
 - Second nurse validates Patient name, MRN number and the Unit Number, Produce code and Unit blood type are correct then clicks **Sign Off**
 - Second Nurse enters **User ID** and **Password** and completes Challenge questions or “Taps” their badge if using Single Sign on for user authentication.

Administration			
Patient: Manouri, Carter-IPRN	MRN: 301000053	DOB: 07/29/1993	Allergies - Mark as Reviewed: No Known Allergies
Dual Signoff Summary			
Documented By: LAPPI, SIDNEY-IPRN		Schedule Date/Time: 07/15/19 0905	

TRANSFUSE RED BLOOD CELLS : Intravenous : Status: Ordered -- Start: 07/15/19 0908

References: [OSUWMC Blood Admin Policy](#)

Order Start Time: Today 07/15/19 at 0908

Linked Line: Peripheral IV Line - Single Lumen 7/14/2019 0937 cephalic vein (lateral side of arm), left 20 gauge (This Admin)

Order Questions/Answers

Transfusion Duration per Unit (hrs): **Less than 4**

Select research study to bill: **NONE**

Priority: **Routine**

† Electronic verification is not enabled.
 Manually verify that this is the correct blood product for this patient.

Rh Positive

Unit number:

Product code:

Patient blood type:
Not on file

Action:

Route:

Rate: mL/hr

Date:

Site:

Time:

Comment:

Associated Flowsheet Rows:

Vitals	
BP	140/90 at 07/15/19 0905
Temp	101.1 °F (38.4 °C) at 07/15/19 0905
Pulse (Heart Rate)	72 at 07/15/19 0905
Resp Rate	22 at 07/15/19 0905
Art Line (1) Monitoring	
Arterial Line (1) BP	No value associated with this documentation
Vitals ICU/PCU	
Core (Blood) Temperature	No value associated with this documentation
TRANSFUSE RED BLOOD CELLS	
Volume	No value associated with this documentation

You are verifying 1 administration.
✔ Sign Off
✖ Cancel Signoff

- This is the legal document for documenting the double check for blood product administration.

11. Patient's Nurses Document **Blood Administration Supplies** as needed.

12. Follow Blood administration policy for infusion and documentation.

Post-Transfusion Documentation

When the transfusion is completed, document the total volume of blood product administered and complete the row.

1. On the Blood Administration flowsheet, click **Add New** column.
2. Document the **Time Transfusion Complete** row in the flowsheet.
3. In the **Action** row, select **Stopped** from the dropdown list and click **Accept**.
 - A Rate of Zero is automatically entered in the Administration window.
 - An Action of Stopped opens the Administration window.
 - Complete the transfusion documentation.

- Other Actions such as **Paused**, **Handoff** are also available as a selection in the **Action** row.
4. Document the volume of blood product transfused in the flowsheet rows in the Administration window and then immediately complete the infusion group from the window.
 - The **Volume** row is available in every action.
 - You may choose to use the **Suggested Volume** row.

5. If all documentation is finished, you can click **Accept** and **Complete**, and the system automatically completes the row for you. Then you can **Hide Comp'd** the rows that you have completed documentation.
 - If further documentation in the flowsheet is required, click **Accept** so you can continue to complete your documentation then once finished, you should **Complete** the row.
 - Caution: If you select the Accept and Complete button accidentally prior to entering, you can right click to reactivate the completed row, enter a volume and then complete the row after you have documented the volume.

New Warnings and Banners to appear when documentation incomplete

New warnings appear if a clinician needs to complete documentation for blood. The warnings appear in the flowsheet or as a banner in the Release Transfusion report (Blood flowsheet) or Blood Transfusion report (Summary activity). Warnings appear when a transfusion is:

- Running for more than 6 hours
- Missing volumes
- Completed, but no Stopped action
- Stopped action, but not Completed

The warnings are hyperlinks, so the clinician can take action by either entering the volume, stopping the transfusion or completing the group.

Missing Volume window

Stopped action but documentation not completed Banner.

Blood Transfusion History Report and Accordion Report

Running more than 6 hours

Blood Administration								
View: 12 Hours 72 Hours 4 Days Encounter Long term			Sort by: Product Time		Expand All Collapse All			
A transfusion has been running for more than 6 hours.								
A stopped transfusion has not been completed.								
A completed transfusion is missing volume documentation.								
CRYOPRECIPITATE								
Completed	Transfusions Started 2 units	Transfused 300 mL	Flowsheet Time	BP	Temp	Pulse	Resp	
FRESH FROZEN PLASMA (FFP)								
Completed	Transfusions Started 2 units	Transfused 250 mL	Flowsheet Time	BP	Temp	Pulse	Resp	
GRANULOCYTES								
Completed	Transfusions Started 2 units	Transfused 113.75 mL	Flowsheet Time	BP	Temp	Pulse	Resp	
PLATELETS (PLT)								
Transfusing	Transfusions Started 1 unit	Transfused 200 mL	Flowsheet Time	BP	Temp	Pulse	Resp	
01/28/16 0830		200 mL	0830					
W0906 67 665544 S-E0345V00			0845					
Completed	4 units	460 mL						
01/28/16 0830 to 0841		missing	0830					
W2089 99 565432 0-E0432V00			0841					
01/25/16 1045 to 1101		150 mL	1045	120/80	99 °F (37.2 °C)	80	16	
W0356 15 029177 R-E3057V00			1100					
			1101					
01/15/16 1514 to 1518		10 mL	1514	100/80	99 °F (37.2 °C)	100	20	

The Blood Transfusion History report shows the patient's transfusion history. The report can be filtered by various times, including 3 months, 1 year, 5 years and Lifetime. No history of a transfusion is noted as well. The warning banners of incomplete documentation can also be viewed here.

Blood Administration

View: 12 Hours72 Hours4 DaysEncounterLong term

Sort by: ProductTime

Expand All | Collapse All

A stopped transfusion has not been completed.

A completed transfusion is missing volume documentation.

▶ Not Started

RED BLOOD CELLS (PRBC): 1 unit

▼ Completed

End	Product	Transfusions Started	Transfused
▼ 05/02/16		1 unit	
1326	RED BLOOD CELLS (PRBC)		missing

The Blood Administration report includes types of blood product given, number of units of blood given, actions documented and blood product volume infused.

Blood Administration		04/11/16 - Today															
Go to now: 4/11/2016																	
24 Hrs:		04/11 0700	04/12 0700	04/13 0700	04/14 0700	04/15 0700	04/16 0700	04/17 0700	04/18 0700	04/19 0700	04/20 0700	04/21 0700	04/22 0700	04/23 0700	04/24 0700	04/25 0700	04/26 0700
Pulse																	
Resp																	
Pulse O2%																	
Pre Transfusion																	
Previous Transfusion?																	
Pre-Meds Given?																	
Informed Consent Obtained																	
TRANSFUSE RED BLOOD CELLS -		Peripheral IV - Single Lumen (Adult, Obstetrics) 5/20/2005 1019 metacarpal vein (top of hand), left 20 gauge (Blood Administration)															
Status: Completed 04/29/16 1438		Unit: W0910 12 320811 L-E0332V00															
Action																	
Rate																	
Volume																	
Line																	
TRANSFUSE RED BLOOD CELLS -		Peripheral IV - Single Lumen (Adult, Obstetrics) 5/20/2005 1019 metacarpal vein (top of hand), left 20 gauge (Blood Administration)															
Status: Transfusing -- Unit: W0910		12 320811 L-E0332V00															
Action																	
Rate																	
Line																	
Intake																	
I.V.																	
sodium chloride 0.45% 1...																	
sodium chloride 0.9% IV...																	
Blood																	
TRANSFUSE RED BLO...																	

Documenting a Transfusion Reaction

To document a suspected transfusion reaction, complete the following:

1. Open the administration record and select a **Medication Administration Record (MAR) Action of Stopped**.
 - The system automatically opens the blood administration window when a clinician documents a **Stop** action.
2. Document vitals and volume of blood transfused in the flowsheet rows in the Administration window and then immediately complete the infusion group from the window.
3. Return to the Blood Administration flowsheet and document suspected reaction.