

SH - Document Blood Administration in the Emergency Department

Documenting blood administration in Epic consists of **Preparing to Transfuse Blood**, **Starting the Blood Transfusion**, and **Stopping/Completing a Blood Transfusion**. Use the following steps for these processes to assist with blood administration in the ED.



Prepare to Transfuse Blood Product

- Go to the ED Narrator and acknowledge the transfusion orders.
- From the ED Narrator, click on the **Blood Administration** button in the Activity toolbar:
 - A sidebar report will open on the left side of the screen. Click on the hyperlink that says **Release X/X** under the heading Transfuse Orders. A transfusion form prints on the unit and should be filled out completely with signature and taken to the Blood Bank when picking up the blood. Only one unit of blood is released in Epic at a time. Click the release hyperlink again if you need to transfuse additional units.

The screenshot shows the 'Blood Administration' sidebar report in the ED Narrator. The report includes the following sections:

- Links:** 1. Policies & Procedures
- Consent Documents:** ** None **
- Blood Bank Results:** ** No results found for the last 72 hours. **
- Release 1 instance of the order for each aliquot or unit that has been dispensed.**
- Blood Product Orders:**

Ordered		Start
11/10/14 0748	Prepare Red Blood Cells (Crossmatch) Once	11/10/14 0750
- Transfuse Orders:**

Ordered		Start
11/10/14 0748	Transfuse RBC Transfuse 2 units Release 2/2	Unscheduled

- From the ED Narrator, click on the Blood Administration activity:

The screenshot shows the Epic Activity toolbar with the following activities listed:

- Drains
- Airways
- Wounds
- Quick Updates
- Procedures
- General
- Restraints
- Blood Administration** (highlighted with a red box)
- Assisted Procedures

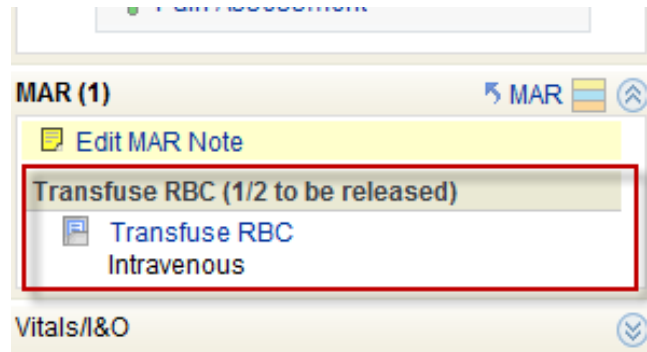
- From here, you can document the vitals, volume, any additional supplies used, blood product identifiers, and any symptoms related to a suspected reaction.



Start a Blood Product Transfusion

When you have the blood product from the blood bank, document the administration.

1. From the ED Narrator, click **Blood Administration**.
2. Complete the rows in the **Vitals group** to document the patient's **pre-transfusion vitals**. If applicable for your unit, also complete the Art Line rows.
3. Click on the **Transfuse RBC** hyperlink in the Action pane of the ED Narrator:



4. Type in the rate you plan to administer the blood.
5. You can pull in the vitals previously entered from the within the administration window.

OTHER			
BP	<input type="text"/>	<input checked="" type="checkbox"/>	110/69 mmHg at 11/10/14 0757
Temp	<input type="text"/>	<input checked="" type="checkbox"/>	93.2 °F (34 °C) at 11/10/14 0757
Heart Rate	<input type="text"/>	<input type="checkbox"/>	42 at 11/10/14 0757
Resp	<input type="text"/>	<input type="checkbox"/>	21 at 11/10/14 0757
		<input type="checkbox"/>	Select All

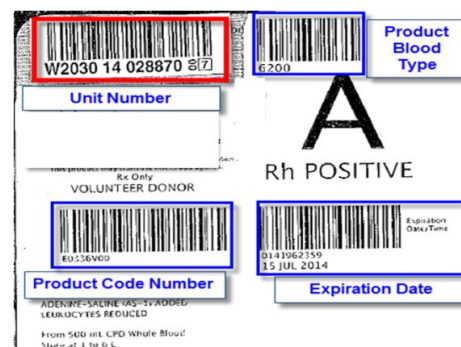
Click Check Boxes →

Document transfusion details

6. **MAKE SURE CAPS LOCK ON THE KEYBOARD IS TURNED OFF!!!**

Scan the patient wristband. Then scan all 4 product barcodes, one after another, starting with the Unit Number (top left). Follow the order below.

- Unit Number
- Product Code Number
- Product Blood Type:
 - **NOTE: You must verify blood product type and patient blood type compatibility on your own. The system does not validate compatibility**
- Expiration Date



- Successful scans will result with the Green thumbs up. The patient blood type results from the Type and Screen lab test.

Ready!

Patient blood type: O Positive

Rh Positive

Unit number: W2053 14 789137 6

Product code: E0336V00

Expiration: 11/04/14 2359

- Manually enter the Product/Comp Code in the Blood Product Identifiers section; this is **required**. The Product/Comp Code is on the tag that comes with the blood product bag. See examples from each site.

Associated Flowsheet Rows:

New Value: Date: 11/10/2014 Time: 0856

Check the box to link to previous value if no new assessment is needed. Only values from 11/10/14 0826 to 11/10/14 0856 are allowed.

Blood Product Identifiers

Product/Comp Code

No data filed in allowed time range

Suburban Hospital Transfusion Medicine
8600 Old Georgetown Rd
Bethesda, MD 20814

BLOOD PRODUCT TRANSFUSION RECORD

Product: E0336V00 **RBC AS-1 LR** Name: [REDACTED]
 Unit Number: W203014030935 Medical Record Number: [REDACTED]
 Crossmatch Interpretation: Compatible Account #: [REDACTED]
 Wristband #: [REDACTED]
 Patient ABO/Rh: [REDACTED]
 Product ABO/Rh: O Neg
 Expiration Date/Time: 07/21/2014 23:59

- Verify the information on the administration window and click **Accept**. The Dual Sign-Off window appears.
- Ask another nurse to review the administration information and complete dual signoff.
 - The Unit Number and a **status of Transfusing** display on the Blood Admin flowsheet. The rate appears in the current time column.
- In the Blood Admin flowsheet, complete rows: Unit Number Verified, CODABAR Registration # Verified (if applicable), and Expiration Date/Time Verified for each blood product.
- Document vital signs and other assessments as needed throughout the transfusion. The system will not automatically prompt you.



Stop/Complete the Blood Product Transfusion

When the blood product unit has finished transfusing, document stopping the transfusion.

- Click the icon of the IV bag with an X through it on the MAR group of the ED Narrator.
- The date and time will automatically fill in. Verify that they are correct and click **Accept**.

MAR (1) MAR

Edit MAR Note

Infusions

Transfuse RBC
Route: Intravenous
Last (New Bag): 11/11 1015

Infusion Stop

Nurse to Transfuse RBC

Started at: 11/11/13 1015

Stopped at: 11/11/13 1023

Accept Cancel