**Important Notes**

1. Blood requires dual sign off **ON PAPER** only, not in MiChart. Dual sign off is performed by nursing at the bedside when the unit is about to be transfused.

2. Blood orders do **NOT** appear on the MAR. Pre-medications such as Tylenol and Benadryl will appear on the MAR.

### Ordering

- Make sure to use the **Blood Administration Order Set**, which includes:
  - Pre-transfusion labs
  - Blood Bank product requests for all products
  - Transfuse order for the nurse
  - Transfusion-related meds
- **View** Blood Orders using the Orders to be Acknowledged section of the patient’s Overview Report, the Orders Activity, or by wrenching in the Blood Administration flow sheet and viewing the report under the hyperlink.
  - PRN Blood Product orders can be **released** in the Orders Activity.
  - A **Send Blood** order is available to alert the Blood Bank that it is time to transfuse.

### Admin

- The **Blood Administration flowsheet** allows the user to:
  - Add columns
  - Enter the rate and volume of blood infused
  - The amount infused will be taken into account in the I&O totals
  - Release the transfusion order using the hyperlinks in the Blood Admin doc flowsheet
- The total volume of blood administered to the patient can be viewed in the Intake/Output activity.
  - Data captured on the volume of the product transfused is automatically pulled into the I&O flowsheet.
- Blood/blood products are scanned to capture the blood donor unit number only. There is **no patient matching**. The scan simply reduces manual entry errors.

Get more information about MiChart at: [www.med.umich.edu/i/michart/](http://www.med.umich.edu/i/michart/)
Massive Transfusion Protocol (MTP)

- Massive Transfusions will be documented in a **Blood Administration note** in addition to documenting on the Blood Admin flowsheet.
  - The note can be accessed by navigating to the notes activity, then the blood products note tab and selecting “new note.”
    - This action automatically associates the note type as a blood products note.
    - Type MTP in the products selection to pull the MTP note template. Data can be manually entered, or scanned into the note.
- Within the doc flowsheets activity, the nurse can access the Blood Administration flowsheet via the Blood Administration tab.
  - Here, the nurse will document information including the total volume and number of units transfused.
- The MTP group will release automatically – you do not need to release it in the flowsheet.
- We will begin charging for transfusions. It is a time based Start/Stop charge.