Issue and Proper Handling of Blood Products

Education for the Issue and Transport of Blood Products
Agenda/Topics to Be Covered

- Intended Audience
- General Policies
- Obtaining Products for Transfusion
- Pick-up of Products at the Blood Bank
- Delivery of Products via Pneumatic Tube
- Handling of Products on the Nursing Unit
Intended Audience

- The intended audience for this module includes all job classes responsible for picking up blood products for transfusion.
- This includes but is not limited to:
  - RN
  - LPN
  - Nursing Assistant
  - Unit Secretary
  - Swan
  - Transporter
Obtaining products for transfusion

- Blood products for transfusion may be obtained by two methods
  - Pick-up at the blood bank
  - Delivery via Pneumatic Tube (SJH only!)
- Blood bank personnel cannot deliver products to the patient location.
General Issue Policies
Pick-up at the Blood Bank

- Blood products may be picked up by any trained hospital associate
- Volunteers may NOT pickup blood products
- When picking up a blood product you must provide the following information in WRITTEN form
  - Patient Name
  - Patient Medical Record Number
  - Name of Physician Requesting Transfusion
  - Type of product needed
General Issue Policies
Pick-Up at the Blood Bank

- A single individual may not pick up blood for multiple patients at the same time.
- Under normal circumstances, more than one unit will not be issued at the same time.
  - Exception: Temperature monitored coolers are used for issue of multiple units to the operating room or other locations in emergency situations.
When picking up a blood product for transfusion, you must present a written request to the blood bank. Verbal requests will not be honored.

- Form L-20, Blood Product Pickup/Delivery Request is normally used for this purpose.

The blood bank technologist will obtain the appropriate product(s) and perform a preliminary issue check.

- You will be asked to assist in a verification of the patient and blood product information.
The blood bank tech will give you the Product Chart Copy and will ask you to read the following information:
- Patient ID (Medical Record #)
- Patient Name
- BB Wrist ID (Cellular products only)
- Product Type (Red Cells, Platelets, etc)
- Unit Number
- Expiration Date/Time

The tech will verify the information you give with the computer screen, blood product label, and compatibility tag.
Issue Process
Pick-up from Blood Bank (Cont)

Sample Product Chart Copy – Items to verify

- Patient Name: Hbbtrain, Green
- MR Number: A000870025
- Account Number: A0715600004
- Antibiotics: anti E, anti K
- Special Needs: Filter RBC, PLTS
- Unit No: 900603071
- ABO/Rh: A Neg
- Product Code: 12091 Platelet Concentrates - Pooled
- # in Pool: 6 (A Neg)
- Product Expiration Date: 06/05/2007 03:00 PM
- Crossmatch Interpretation: Not Required
- Antigens:
- Comments:

St. Joseph Health System Blood Banks
Issue Process
Pick-up from Blood Bank (Cont)

- At the end of the issue process, you will be asked to sign the Blood Product Issue Log with your First Initial and Last Name.
- Your signature indicates that you participated in the verification process and that no abnormalities were discovered.
- The blood product(s) along with any applicable supplementary filters or administration sets will be released to you for delivery.
Delivery Process
Pick-up From Blood Bank

- Unless the products are issued in an Igloo cooler, the transfusion must be started within 30 minutes of issue of the product.
- Once the product has been received, you must go directly to the appropriate patient care location.
- If you are the care giver responsible for transfusing the product, begin the transfusion process as soon as possible.
Delivery Process
Pick-up from Blood Bank (Cont)

- If you are serving as a “transporter”, upon arrival at the patient care location you must immediately deliver the product to the responsible care giver.
  - During the handoff, clearly state the patient’s full name for which the blood product is being delivered.
Issue Process
Delivery by Pneumatic Tube

- A pneumatic tube shipment may only contain product for a single individual
- Under normal circumstances, only one unit will be issued at a time
- When requesting a blood product for transfusion, you submit a written request to the blood bank. Verbal requests will not be honored. Either of the following may be used
  - Form L-20, Blood Product Pickup/Delivery Request
  - Star Order Entry
    - Department BB
    - Item 10032 – Delivery Blood Product By CTS
The blood bank technologist will obtain the appropriate product and perform both a manual and computerized ID check.

The product will be packaged and tubed to the appropriate nursing location via secure code transaction.

The blood bank technologist will call the receiving nursing unit and give the patient name and the appropriate secure code to the patient’s (or other) RN. The RN receiving the information will be asked to read back and verify the information.
Receipt Process
Delivery by Pneumatic Tube

- Retrieve the product ASAP by entering the 3-digit secure code at the tube station key pad.
- Immediately remove the product from the carrier and verify that the name on both the Product Chart Copy and attached compatibility tag match the intended recipient.
- If you are the care giver responsible for transfusing the product, begin the transfusion process as soon as possible.
- If you are not the caregiver responsible for the transfusion, you must immediately deliver the product to the responsible care giver.
  - During the handoff, clearly state the patient’s full name for which the blood product is being delivered.
Handling of Blood Products on the Nursing Unit

- Begin the transfusion as soon as possible after receipt of the product.
- Do NOT place the product on a counter, patient bed, etc.
- All handoffs of the product must be face-to-face with the identity of the intended recipient verbally given from one individual to the next.
- Do NOT under any circumstances place the blood product in a refrigerator at the patient care location.
Record of Completion

◆ Please document your completion of this mandatory program by:
  - Open the link below to view the Certificate of Review
  - Add your Name and the Date of Review of Material
  - Print two copies – one to your unit manager and one for your records.

Certificate of Review of Blood Products - Transportation