7119402: Communicate Workflow Expectations

Audience: Blood Bank Staff, Nursing, & Physicians/ACPs

This document outlines the blood ordering workflow for both inpatient and outpatient settings. In inpatient areas, clinicians place blood orders in Epic, which are immediately released to Cerner. When transfusion orders are released, Blood Bank Release Requests are printed. Once the blood unit is issued by the Blood Bank, Cerner sends the product information to Blood Product Administration Module (BPAM) for transfusion documentation and verification.

BPAM helps ensure that the correct blood product is transfused to the correct patient by enabling barcode scanning for accurate verification and documentation. In outpatient settings, clinicians place blood product orders in Epic ahead of scheduled appointments. These orders are "signed and held" until the day of transfusion. Once released, the order triggers the printing of a requisition form, which the nurse brings to the lab or blood bank when retrieving the blood product.

Key Takeaways

What's new	What's changing	What stays the same
NURSING/PHYSICIANS/ACPs: • Physicians/ACPs place the blood product orders in Epic, which includes the prepare and transfuse orders (except Rh Immune Globulin, which only contains a prepare order) • BPAM will be used to scan and document administration of blood products • Dual sign-off prior to blood product administration will be completed in Epic, not on a paper form • The blood product identification numbers must match between issuance in Cerner Millennium and scanning in BPAM within Epic **BLOOD BANK:** • Implementation of a product order interface will now exist between Cerner Millenium and Epic for all hospitals. • Accession numbers will be issued when dispensing blood products in Cerner Millennium to enable BPAM use by nursing • Implementation of Cerner Millennium in the blood banks at LHH, NWH, Phelps, LIJ, NSUH, and Mather	**NURSING/PHYSICIANS/ACPs:** • Blood documentation will be in the BPAM module using barcode scanning • Transfusion Administration Record (TAR) will only be used during Massive Transfusion Protocol (MTP) or a downtime scenario • For inpatients, ordering of confirmatory ABORh will be done in Epic using an automated OPA (Our Practice Advisories) **BLOOD BANK:** • Manual entry will no longer be required, as Epic will automatically generate blood administration charges	**NURSING/PHYSICIANS/ACPs:** • Blood products are ordered through an order set • Blood product orders will print in the Blood Bank • The Blood pick up slip process will remain the same • Release request is still required to pick up blood products • All sites except for LIJ/CCMC and NSUH will print Release Request (pick up slips) on the unit. LIJ/CCMC and NSUH will print in the Blood Bank • Paper TAR will come with all blood products, to be used only in the event of MTP or downtime • When ordering blood products, there is a Northwell transfusion indication algorithm, based on lab values, for the selection of product indications **BLOOD BANK:** • Blood product orders will print in the blood bank • Release request still required to pick up blood products • Storage and processing fees for blood products are billed out in Cerner Millennium

Common Questions

Question	Response
Is BPAM required to administer blood?	Yes, BPAM use is required Day 1 of Go-Live except during MTP events.
Will BPAM be used at cancer sites?	Yes, where scanning is used for medications today, it will be used for blood products moving forward.
What happens if I receive an error when scanning my blood product?	Do not administer the blood product. Contact the blood bank for further guidance prior to administration.
Will dual sign-off be required?	Yes, in Hyperspace or Rover, using BPAM or on TAR.
Is there a workflow for unused blood?	Unused blood should be returned to the blood bank. There is no Epic specific workflow when returning unused blood products.

Additional Resources

- IP/ED Blood Workflows: 2024_06_27 Blood Ordering and Administration

- IP/ED Demo: 2024_06_27 - Blood Bank - IP-ED Blood Ordering and Admin.mp4; Demo is from 11:36-21:18

- Outpatient Blood Demo: 2024_12_18 - Cancer Care - OP Blood Transfusion Recording Demo begins at 9:48