



Verax Testing Impact on the Blood Center

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Expanding our organization to meet clinical, cellular and transfusion product and service needs for patients.

Now providing almost one million blood products, over 450,000 laboratory and multi-assay infectious disease tests, and over 12,500 specialty clinical procedures annually to hospitals nationwide.



OBJECTIVES

- Understand the blood center's process for managing reported Verax positive result
- Understand the blood center's process for gaining control of the platelets and co-components
- Understand the impact to the blood center and other transfusion facilities

PROCESS



Hospital reports a platelet as Verax positive

WHAT'S NEXT?



- Electronic hold is applied to the platelet and any co-components in the computer system
- The platelet and all co-components are physically quarantined
 - Many of the components collected are from a split collection of double or triple platelets
- Components are recalled from other transfusion services or blood centers
- All platelet components are sent for gram stains and confirmatory cultures

REPORTING PROCESS

- STAT gram stain results are requested and reported to affected transfusion facilities and QA
- Confirmatory cultures are requested
- Confirmatory results are received within 7 days
- Results of the confirmatory cultures are sent to all affected transfusion facilities and QA



IMPACT

- Blood Center
 - Financial
 - Customer perception
 - Inventory
- Transfusion Facilities
 - Financial
 - Inventory
 - Platelets transfused



BLOOD CENTER IMPACT

Financial

- Cost associated with recalling components
 - Shipping/courier fees associated with the recall
 - Discarding components
 - Many components are from a multiple collection (double and triple platelets)
- Cost associated with sending for confirmatory cultures

Customer Perception

- May imply poor quality
 - Despite 2- false positives we have seen thus far, this is still a concern

BLOOD CENTER IMPACT

Inventory

- Decreased inventory
 - All co-components are pulled from the inventory and quarantined.
 - Hospitals may see short dated product until another platelet is available

TRANSFUSION FACILITY IMPACT

Financial

- Verax tested platelets are not returnable for credit.
 - Why?
 - Due to limitations in the computer software, the blood center is currently unable to relabel the platelet as a new product with a new expiration date
 - Other customers do not desire the product with the short expiration date
- Cost of the test and labor associated with it (training, competency, etc.)
- Smaller institutions have more limitations and would likely experience a greater financial impact

TRANSFUSION FACILITY IMPACT

Other transfusion facilities

Inventory

- Decreased inventory, may require replacement products
 - A brief shortage could be experienced

Transfused Components

- If there are multiple components from same collection, it is possible they are at different transfusion facilities or blood centers.
 - They may have been transfused with no issues reported (no septic reactions, etc)
 - These facilities will still need to follow up, with recipients and will be waiting for confirmatory results

Questions?



The logo for the Community Blood Center features a stylized red blood drop shape on the left, composed of two curved lines that meet at the top and bottom, with a solid red oval in the center.

Community Blood Center

The logo for the New York Blood Center includes a small red triangle with a white border.

New York
Blood Center

The logo for Innovative Blood Resources (IBR) consists of a circular emblem with the letters 'IBR' in white on a blue background.

INNOVATIVE
BLOOD
RESOURCES

The logo for the Rhode Island Blood Center features a stylized red blood drop shape on the left, composed of horizontal lines.

Rhode Island
**Blood
Center**

The logo for the Blood Bank of Delmarva includes a stylized red blood drop shape on the left, containing a white cross.

Blood Bank
of Delmarva