



# Collaboration in Conservation

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we believe  
in life well-lived.



# Process

- Grand Rounds to discuss transfusion as an organ transplant and current literature
- Blood Utilization moved to Utilization Review Committee
- Lab Blood Bank system provided data on utilization by service and by physician
- Shared transfusion data with service lines: Vascular, GenSurgery, Ortho, Hospitalists.
- Individual discussions with physicians

# Getting Ready

- Input from medical, nursing, and lab administration on final electronic order set
- Flow diagram for nursing personnel
- Education of Blood Bank staff on new issuing protocol

## Routine/Non-Emergent Transfusions

Electronic order set (Zynx) entered by physician or nurse  
Floor calls Blood Bank to determine if patient has a current specimen

\*Special Requirements are communicated to Blood Bank Staff (example: CMV negative)

### **No Current Sample in Blood Bank**

\*Floor orders crossmatch and draws appropriate specimens current specimen

### **Current Sample Available in Blood Bank**

Call Blood Bank to add units to

Zynx order filed on patient's chart

Blood Bank notifies floor when units are available

**\*If there is a delay due to antibodies, floor will document on Zynx form**

Floor brings **COPY** of Zynx order to Blood Bank

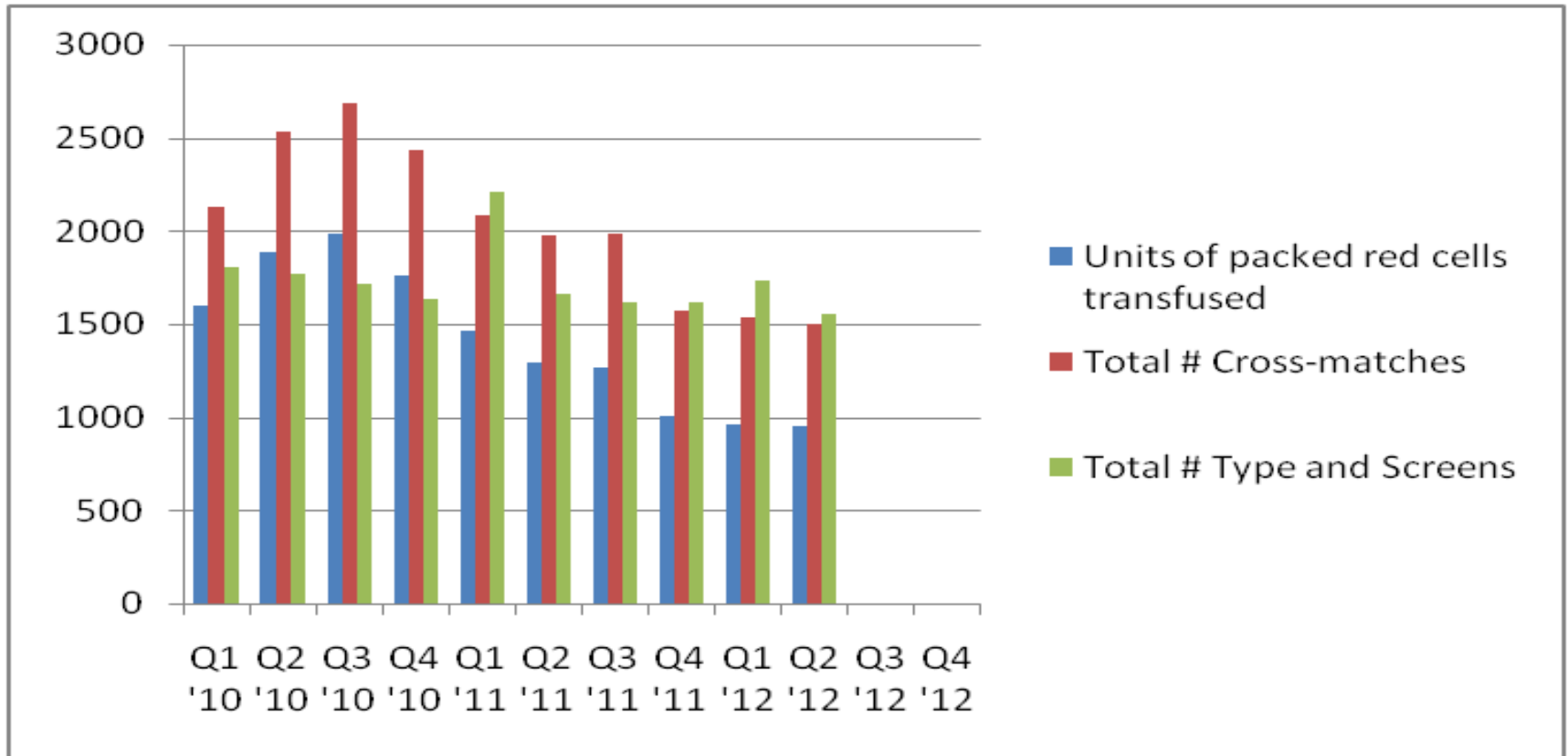
Blood Bank reviews Zynx order and issues appropriate product. Blood Bank retains copy.

**\*Transfusing physician and issue location are updated in LIS**

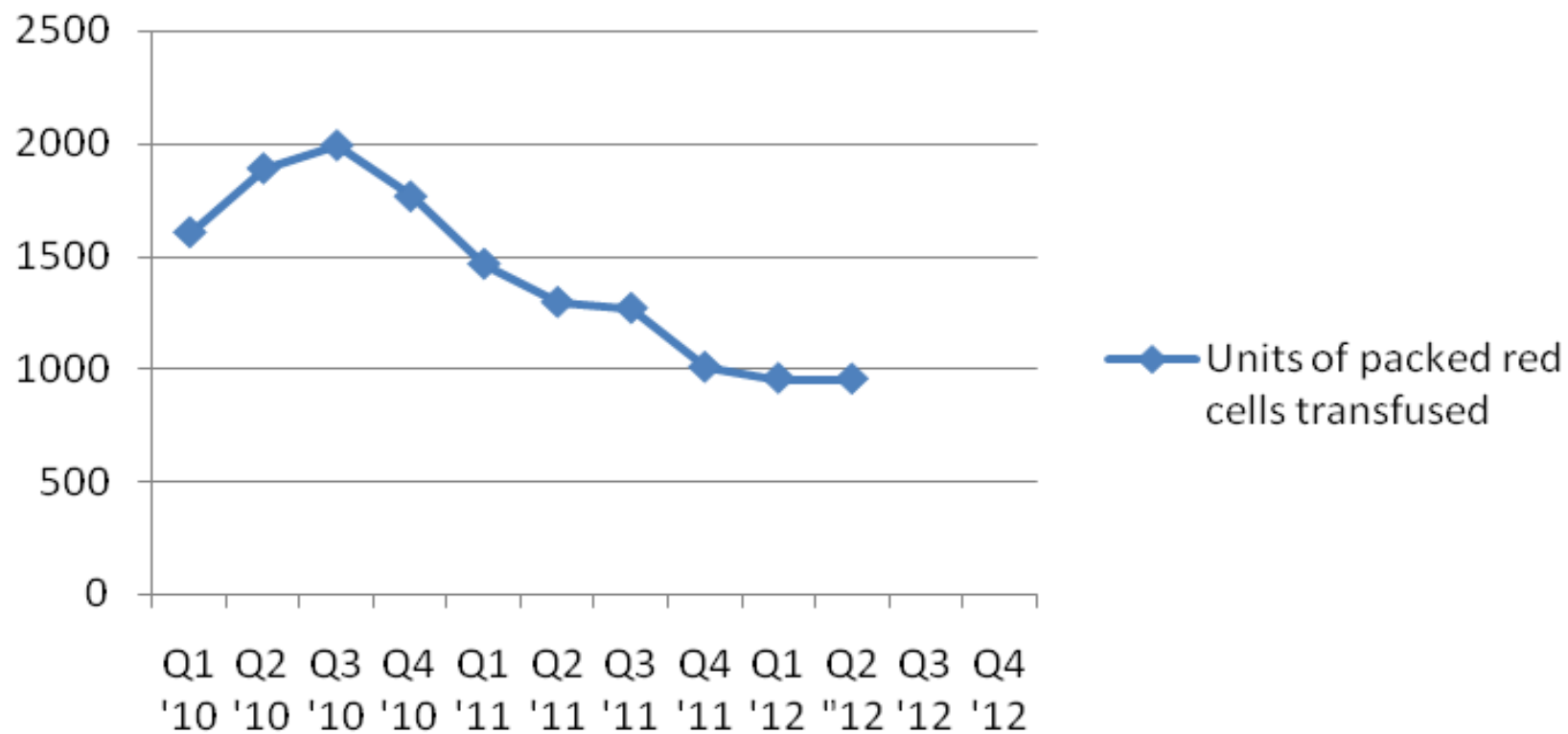
# Go Live!

- April 1, 2011 – Mandatory use of electronic order
- Non-emergent transfusions
- ER, OR, and outpatient infusion center exempt

# Utilization summary



## Units of packed red cells transfused

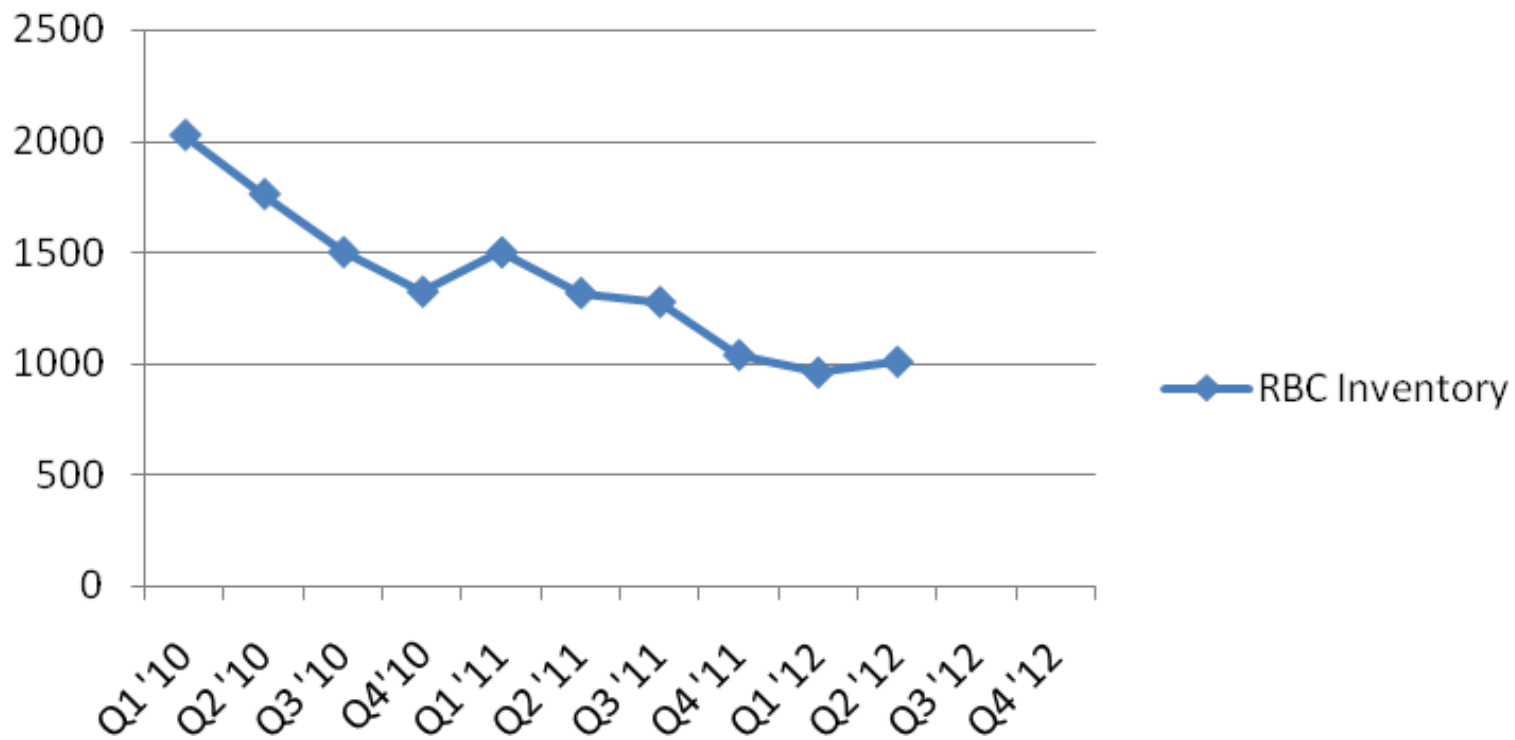


# Inventory Management

- Watch your short-dates!
- Decrease inventory
- Reduce standing order with blood suppliers



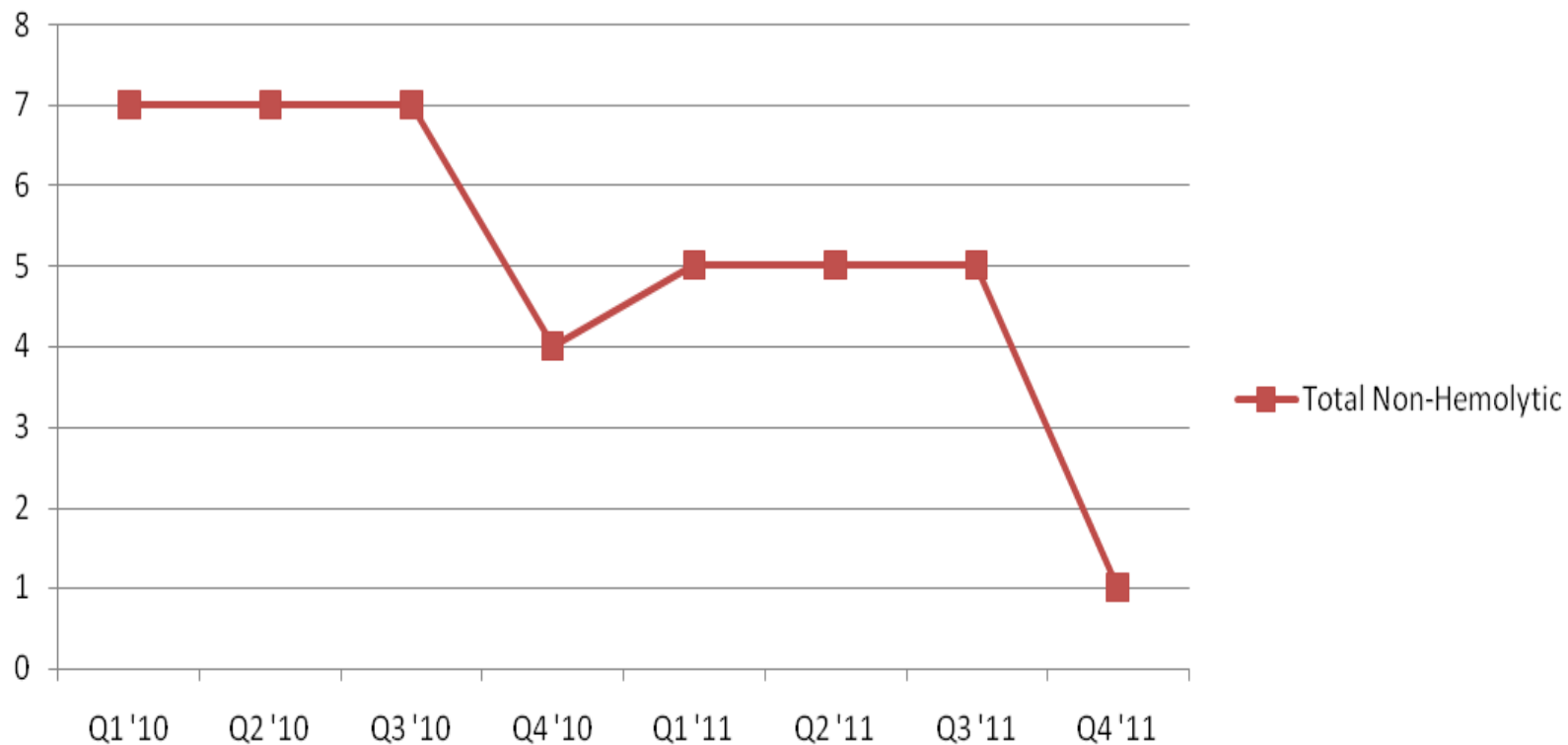
## RBC Inventory



# Patient safety gains

- Electronic order includes pre-medication option
- Fewer transfusions + pre-med =
- Decrease in febrile transfusion reactions!!!

## Total Febrile Reactions



# SUCCESS!

- Decrease complications and length of stay for patients
- Decrease costs to hospital by reduction in blood inventory and turnover of patients
- Blood suppliers with more inventory to service the region

- Glad to help with your conservation initiative

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