

Second ABO Required in Epic



Audience: Providers and Nurses

Safe Blood Products Transfusions

HM laboratories are transfusing type-specific blood products only after the patient's blood type is confirmed by two separate independent collections and ABO tests performed by HM labs. One of the ABO typings must be current (**System_PCPS601 Blood or Blood Component**).

1. Order for Type & Screen/Blood products in Epic.
 - a. When you order a **Type and Screen**, Epic automatically orders an **ABO Confirmation**.
 - b. The **ABO Confirmation** test is attached to a special phase of care.
 - The order is then signed and held. It will be visible in Epic to those authorized to view signed and held orders.
 - **Note:** *Only blood bank and lab staff can release these orders in Epic.*
2. Prepare Product Order received
 - a. Lab staff:
 - Perform an **ABO inquiry** in the SoftLab Laboratory Information System.
 - Release a **Confirmation ABO** in Epic, if a second ABO is required.
 - Contact the nursing unit and request specimen collection.
 - b. Type-specific blood products are provided after receiving and confirming the blood type.
3. Emergency release and massive transfusion protocols remain in place.
 - **Note:** *Avoid using these to circumvent this safety practice.*

Validate Historical ABO

To validate a patient's ABO status, look up the patient's chart in Epic, then click **Labs, Blood Bank, Blood Bank Tests** and **ABO Grouping**. To see the lab performing the test, hover over the result. In this example, Houston Methodist Sugar Land lab performed the ABO.

- **Note:** *Specimens lacking a proper order or labeled incorrectly will be rejected. For questions, contact the laboratory.*

The screenshot shows the Epic Chart Review interface. The 'Labs' tab is selected, and the 'BLOOD BANK TESTS' section is expanded. A table displays ABO grouping results for two dates: 9/3/2020 and 5/15/2019. The result for 9/3/2020 is 'A' (ID 1436) and for 5/15/2019 is 'A' (ID 1113). A tooltip is visible over the 'A' result for 9/3/2020, showing 'A Lab:HMSLLAB'. The left sidebar shows a tree view of laboratory results, with 'BLOOD BANK TESTS' expanded to show 'ABO grouping', 'Rh type', and 'Antibody screen (gel)'.

	1	2
	9/3/2020 1436	5/15/2019 1113
BLOOD BANK TESTS		
ABO grouping	A	A

A Lab:HMSLLAB