ABO Rh Confirmation Using a Second Blood Sample
Policy 400 115.1

In an effort to reduce the risk of an acute transfusion reaction due to misidentification of the patient and wrong blood drawn from a patient, a second sample will be collected from all patients who are not requiring emergency transfusion and who have no previous ABO group history. Excluded from the group:

a. Babies 4 months or less
b. Emergent C-section (0-30 minutes to OR time)
c. Emergent/ED/Trauma resuscitation where there is rapid blood loss and unstable vital signs
d. Direct admit to OR requiring emergent red cell transfusion.

NOTE: For Jackson North Medical Center and Jackson South Community Hospital, the person who collects the ABO Rh confirmation sample will follow each facility’s process.
Purpose

The primary purpose of verifying the ABO Rh of a potential red blood cell recipient is to detect any errors in identification of the patient and subsequent labeling of that patient’s sample.

Such undetected errors have the potential to result in an acute hemolytic transfusion reaction due to the issuance and transfusion of ABO incompatible red blood cells.

Such a verification policy is mandated by the College of American Pathologists (CAP) to reduce the risk of mistransfusion of non-emergent patients.
Type and Screen or Type and Crossmatch is ordered
Before Collecting the Type and Crossmatch...

Explain to the patient that you, or preferably another healthcare professional, may need to draw a second specimen, if there is no history of ABO Rh type in the system.

Provider, ARNP, PA, RN, LPN SERT. or a Medical Student (3-4 year), may draw the specimen.
Once Task is Completed...

Miracle computer queries patient electronic medical record for history of ABO Rh type.
If There is No Previous History…

…MIRACLE sends a system generated request for the collection of a 2nd sample for ABO Rh Confirmation

The task will be assigned for 3 minutes after the initial draw, and it is preferred that a second healthcare worker draw the second sample. (0.5ml in lavender top tube)
It is not acceptable for the healthcare professional to draw two tubes, at the initial phlebotomy, in anticipation of a request for a confirmatory specimen.
The ABO Rh Confirmation sample must be sent to the Transfusion Medicine Services within 15 minutes.