

Pathology resident communicates to both clinical team and VUMC blood bank manager regarding anticipated needs. These needs are updated during transfusion medicine rounds.

First order ARC Capture-P (platelet crossmatch) testing. If needed later, obtain Red top and Yellow top tubes for HLA Class I serologic phenotype, HLA antibody screen [TAT 1 day; available M-F]. Place note in Starpanel (template available in StNote for platelet refractory evaluation)

Communicate results to outside blood provider (ARC) to obtain appropriate products.

Suspected Immune Mediated Platelet Refractoriness Evaluation

VUMC Blood Bank

Key contacts: Dr. D. Crowe DCI Laboratory Phone: (615) 321-0212. Ext 1506 Email: Deborah.Crowe@dciinc.org

American Red Cross Dr. C. Meena-Leist Phone: (502)558-1817 Email: [Claire.Meena-Leist@redcross.org](mailto:Claire.Meena-Leist@redcross.org)

American Red Cross Special Collections: Christy Hall Phone (615)346-7932 Email: [christy.hall@redcross.org](mailto:hallc@usa.redcross.org)

Request for post-transfusion CBC with platelet count to be drawn within 15-60 minutes following transfusion. Corrected count increment (CCI) calculations performed. If both counts <5000, proceed to additional testing (or if very high clinical index of suspicion)

Clinical discussion between pathology resident/attending and clinical team about suspected refractory patient.VUMC blood bank LIS modification for ABO type specific platelet transfusion (inventory allowing).

Clinical team contacts VUMC Pathology resident (Pager 615-835-9743) for consultation on potential evaluation of platelet refractory patient.