

# Blood Bank Huddle Notes

9/8/2023

Please make sure you sign off in the Huddle Note Binder located on the Triage work bench or online at the MTS site

## I. Blood Bank Updates

### a. LIQUID PLASMA

- i. We will begin getting a standing order of 3 liquid plasma every other week from Versiti starting next week.
- ii. Can be used in an MTP or Emergency issue:
  1. Patient's ABO is unknown
  2. No thawed plasma available
  3. When the patient is A or O
  4. Adult patients only ( $\pm$  12 years old)

### b. COURIERS

- i. CHE has contracted with an external company to provide courier service on nights and weekends!

## II. New Processes / Procedures

### a. RHIG REFUSALS

- i. There is a new process for the forms when a physician decides not to administer Rhogam, or the patient refuses the Rhogam injection.
- ii. Make a copy of the refusal form and place it in the folder.
- iii. Once you tube the Rhogam Refusal form to the appropriate area, please complete the **Pending Signed Rhogam Refusal Form**. It is located in the RhIG Binder.

### b. WARM AUTOANTIBODIES

- i. Gel crossmatches must be performed on all patients with a history of unexpected antibodies including WAA that may be non-reactive in the current sample.
- ii. If a patient has a positive DAT and Versiti does not have time to genotype the patient before a transfusion is required, we need to consider having adsorption studies performed. Since we cannot type the patient with anti-sera that requires an indirect antiglobulin test (i.e., Fya and Fyb) it is impossible to provide RBCs that are phenotypically matched for Fya and Fyb.
- iii. Adsorption studies may be indicated to rule out the presence of clinically significant antibodies (including Fya and Fyb). Adsorption studies allow us to identify any unexpected alloantibodies that the WAA may be covering with panreactivity.
- iv. Before sending to Versiti for adsorption, please consult the supervisor or medical director.
- v. The following is a general summary of the preferred methods that the Blood Bank will use to exclude or identify underlying alloantibodies and to crossmatch RBCs for patients with WAAs:
  1. The gel method will be used to exclude underlying alloantibodies and to provide crossmatch compatible RBCs. If this proves unsuccessful, then:
  2. The 60-minute no-LISS method will be used to exclude underlying alloantibodies and to provide crossmatch compatible RBCs. If this proves unsuccessful, then:

3. The Blood Bank will attempt to provide phenotypically matched RBCs for transfusion. Note that phenotypically matched RBCs are acceptable for transfusion, even if incompatible crossmatches are observed due to the WAA reactivity. If it proves impossible to obtain phenotypically matched RBCs, then:
4. The Blood Bank will refer the specimen to Versiti for adsorption studies in an attempt to exclude underlying alloantibodies. If this proves unsuccessful, then:
5. The Blood Bank will use "least incompatible" crossmatches.
6. Please consult the supervisor or medical director if you are unsure if the adsorption needs to be done.

### III. Quality Reminders

- a. **Clerical Errors – Here are some of the clerical errors that occurred during the last several weeks**
  - i. Incorrect QC rack selected
  - ii. No NEXM comment added
  - iii. No Delay comment added
  - iv. No initials on the dispense form
  - v. Forgetting to perform an autocontrol when doing a new method for ABID
  - vi. Missed request for cord blood on neonate with maternal antibodies

### IV. MISCELLANEOUS

- a. **Sickle Cell Disease (SCD)**
  - i. RBC units intended for transfusion (including exchange transfusion) to patients with SCD or thalassemia should be the freshest units available. If the anticoagulant is:
    1. **CPDA**, then the unit should not expire within 21 days (preferred) but no more than 2 weeks remaining before their expiration date.
    2. **Adsol**, then the unit should not expire within 28 days (preferred) but no more than 2 weeks remaining before their expiration date.
  - ii. RBC donor units for patients with SCD or thalassemia must be negative for hemoglobin S (HbS).
- b. **Receiving Blood Products**
  - i. Please make sure you enter the correct volume of the RBCs when you are receiving into SoftBank. Last week several units had volumes of 1mL.
- c. **Neonatal Crossmatch**
  - i. Please make sure you are documenting the neonatal crossmatch in the Neonatal Crossmatch Binder after you have performed them.

### V. Life Outside the Blood Bank

- a. Congratulations to **Tessa Lanzen** on finishing nursing school and getting a RN job with CHE! We are going to miss you Tessa!
- b. Welcome to **Hannah Carbary** who joined the dayshift on August 30<sup>th</sup>! So glad you're here!
- c. Another welcome to **Maria Poidomani** who will be joining the dayshift Blood Bank staff in October! So excited you are coming to days!