Date: 2019-09-06

To: Maternal Fetal Medicine Staff

Re: Updates to Fetal Genotyping instructions to MFM staff, collection site staff and consent form

Canadian Blood Services (CBS) has made some minor editorial changes to the following forms including updated CBS logo, contact information, sample volume and request for samples to be shipped at Room Temperature (RT) in a separate designated shipping container utilizing provided RT shipping labels.

Please provide 1-2 days advance notice of scheduled fetal genotype sample collections. It takes time to coordinate communication with various stake holders at multiple facilities during the process of sample collection, shipment and processing. This lead time helps ensure the patient sample is shipped appropriately at room temperature (RT) in a designated RT labelled separate container.

Please see below for the change summary to specific instructions:

1) Maternal Fetal Medicine Instructions:
   - Clarification to be notified of upcoming scheduled sample collection
   - Sample tube size changed from 7mL to 6mL
   - Contact information updated to Brenda Caruk

2) Collection Site Instructions:
   - Clarification to provide father’s sample if mother has an anti-D
   - Indication to ship samples in a designated shipping container with attached RT labels
   - Clarification to keep the entire documentation package provided to the patient by the MFM clinic together and submit with the samples
   - Contact information updated to Brenda Caruk

3) Consent for Release of Neonatal Test Results to Canadian Blood Services
   - Terminology changed to Hemolytic Disease of the Fetus/Newborn

Please destroy all previous copies of these documents in your department and replace with the revised documentation 2019-09-06 attached to this letter:

- Consent for Release of Neonatal Test Results to Canadian Blood Services
- Fetal Genotyping on MATERNAL PLASMA Maternal Fetal Medicine Instructions
- Fetal Genotyping on MATERNAL PLASMA Collection Site Instructions

Below is the link to the International Blood Group Reference Laboratory (IBGRL) user guide for additional information.

https://ibgrl.blood.co.uk/services/user-guides/
Please contact Brenda Caruk in the CBS Prenatal Laboratory at 780-431-8725 or brenda.caruk@blood.ca if you have any questions.

Sincerely,

[Signature]

Judith L Hannon MD FRCPC
Medical Director, Perinatal Laboratory

Canadian Blood Services, Edmonton