



August, 2010

Dear Laboratory Manager/Supervisors and Staff,

Canadian Blood Services will be implementing a new Laboratory Information System (MAK TRACE LINE) on September 20, 2010 for use in its Diagnostic Services Laboratory in Regina. The change to the TRACE LINE system provides a state of the art computer environment for pre-transfusion testing, electronic (computer assisted) crossmatches, serological investigations and perinatal testing.

Here are the changes that you should be aware of:

1. Revised Request for Crossmatch/Antibody Investigation form

- The request form now has a place to record a BBIN number. This is a bloodbank identification number that can be used by hospitals to identify outpatients for a specific blood draw. This number would also be on an armband worn by the outpatient until transfusion. If a number is entered in that field on the request form, CBS will enter it into Traceline. This number will then appear on the Crossmatch Tag, packing slip and the Transfusion Medicine Results report. The BBIN will have 'BB' in front of the numbers on the Transfusion Medicine Results report, crossmatch tag and packing slip.
- A copy of the revised form will be available on blood.ca (→hospital section→ID: Hospital Customer, Password: Heforms001) in September.

2. Revised Transfusion Medicine Results Report and Packing Slip

- The appearance of the Results Report and the Packing Slip will change. See attached examples. Note: New date format is YYYY-MM-DD.
- Red blood cell components crossmatched for the patient will not appear on the Transfusion Medicine Results Report. The blood components issued for a patient will be listed on the Packing Slip with information about the intended patient.
- For recipients with antibodies, the negative antigen status of the units will be displayed on the packing slip.
- The Donation number on the Packing Slip will no longer include the two flag characters that appear side ways on the donation label.

3. Blood Component Tag

- A label will be computer generated and include donor unit information as well as the patient demographic information.
- The label will be placed on the front of a tag which will be attached to the component. The size of the tag and the information printed on it has been revised slightly. See attached examples of the label and the tag.
- The Donation Number printed on the label will no longer include the two flag characters that appear side ways on the donation label.
- Compatibility status of a red blood cell component will be identified on the label as either "Compatible" or "Incompatible (Approved for Issue)".
- Negative antigen status of the unit will no longer be displayed on the tag (for recipients with antibodies).

- The original crossmatch tag or a photocopy must be returned to CBS for entry of final disposition in Traceline.

4. Extended Crossmatch Expiry

- For patients that have not been recently transfused or pregnant, the crossmatch expiry has been extended from 7 days to 14 days.

5. Perinatal Results Report

- The appearance of the report will change. See attached example. Note: date format is YYYY-MM-DD.
- Maternal information can be linked to reports on cords/newborns and fathers if maternal information including expected date of delivery (EDD) is provided on the requisition.
- Father samples will not be tested if they cannot be linked to a mother.
- The guidelines for perinatal follow-up testing is now listed on the report in table format.

6. Rejected Sample Report

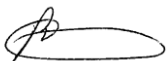
- New report for rejected samples only
- Reason for rejection will appear on the report

7. Report Send-outs

- Prenatal reports will now be auto-faxed instead of mailed to the ordering physician. Each patient report can be sent to multiple health care providers if full first and last name of physician is provided on the requisition (address, phone number, and fax number are also required for prenatal requests). Please ensure all information for sending reports is on the requisition and is legible. A copy of all prenatal reports will also be faxed to the delivery hospital.
- Reports may be faxed overnight – please ensure your fax machine is in a secure area, is left on and stocked with paper.
- It is the responsibility of the physician's office/hospital to ensure the correct fax number is on the requisition and to notify CBS of any changes to the fax number to ensure accurate auto-faxing of reports.

Examples of the attached reports, label and tag can be copied and distributed for training purposes within your facility. Thank you for your support and cooperation as we make the necessary changes to upgrade our information technology infrastructure. If you have any questions, please contact Lauren Freier, Diagnostic Services Supervisor, at 306-347-1621 or lauren.freier@blood.ca.

Sincerely yours,



Bernie Eurich
Medical Office Manager