

Two Step ABO Protocol

Rationale

To prevent the transfusion of incompatible blood/component/product following the misidentification of the intended recipient at the time of collection of the pretransfusion sample.

Process

1. Initial type and screen is collected as usual.
2. Patients without an ABO blood group on file (who have **never** been type and screened before) will receive Type O, Rh specific blood.
3. If the patient requires greater than 2 units, the Blood Bank/lab will call the clinical area to request a second type and screen sample collection.
4. After the second sample confirms patient's ABO group, group specific blood will be released.

How will this look?

TMRR: If there is no ABO group in Trace Line, the "Transfusion Protocols" will indicate that:

"Group O red cells required – only 1 sample tested"

TRANSFUSION MEDICINE RESULTS REPORT

Canadian Blood Services
Société canadienne du sang

PATIENT, ONE
PHN: MB 111 222 333

DOB: 1970-01-01 Sex: Male

Medical Record Number: 00044568-2
Ordering Facility: Health Sciences Centre, Winnipeg
Physician: Jones, John
Ward: SICU
Receiving Facility: Health Sciences Centre, Winnipeg

Sample Number: 54101234567812
Date Received: 2016-03-04 10:46
Request Number: 41072001
Trace Line Number: 9876543210

Date Printed: 2016-03-04 12:01 CST
Printed at: Canadian Blood Services, Winnipeg

Patient Summary:
Blood Group: A Positive Known Antibodies:
Phenotype:
Transfusion Protocols: Group O red cells required – only 1 sample tested

Date Collected: 2016-03-04

Test Performed:	Results:
ABO/Rh	A Positive
Antibody Screen	Negative

Crossmatch Expires: 2016-03-07 23:59

New transfusion protocol showing that this patient only has 1 sample tested and only group O red cells can be issued

Issue Tag:

