

Supplemental Digital Content, containing one table. The Supplemental Digital Content was not copyedited by *Archives of Pathology & Laboratory Medicine*.

Supplemental Table 1: Study question responses when reported as free text.

Responses	Consult MD restriction	Number of units restriction	Mixed field restriction
Routine transfusion standard operating procedure, electronic crossmatch standard operating procedure	0	0	0
Pathologist consultation required	1	0	0
Hematopathologist approval	1	0	0
We have a policy to switch RH negative to RH positive	0	0	0
Determined on a case by case basis	0	0	0
Would consult Pathologist	1	0	0
CONSULT MD. Question 1-4 ANSWERED BUT INVALID	1	0	0
Current policy does not specify	0	0	0
Consult Pathologist	1	0	0
consult pathologist	1	0	0
CONSULT WITH PATHOLOGIST	1	0	0
when immediate spin crossmatch is compatible	0	0	0
PATHOLOGIST DECISION AS TO SWITCH BACK	1	0	0
CALL TRANSFUSION DIRECTOR ON CALL	1	0	0
Consult pathologist. Type and screen must be collected prior	1	0	0
MUST DRAW SPECIMEN BEFORE TRANSFUSION	0	0	0
To be determined by blood bank director	1	0	0
MEDICAL DIRECTOR APPROVAL	1	0	0
Fresh frozen plasma to antibody ratio	0	0	0
Medical Doctor approval to switch to type if 10 units given	1	1	0
PATHOLOGIST APPROVAL	1	0	0
No mixed field reactions seen	0	0	1
Number is performed twice	0	0	0
Currently Changing within 30 days	0	0	0
Case by case basis	0	0	0
Refer to Hematopathologist for approval	1	0	0
No policy regarding strength of reaction	0	0	0
If crossmatch with group specific blood is compatible	0	0	0
Med Director approval to switch during massive transfusion	1	0	0
When < 8 units of group O red cells transfused	0	1	0
If group A fresh frozen plasma given in massive transfusion protocol for a group AB or B pt, stay on O red cells	0	0	0
No mixed field reactions, identify anti-A and anti-B at anti-human globulin	0	0	1
ANTI-A AND ANTI-B ARE TESTED AT IMMEDIATE SPIN, 37°C AND ANTIHUMAN GLOBULIN POST	0	0	0
Inventory and Pathologist approval	1	0	0
Type matches without mixed field	0	0	1
We perform an anti-human globulin test for unexpected ABO antibody	0	0	0
ABO History	0	0	0

Trauma patients can use the One Tube Process	0	0	0
See other section	0	0	0
Recipient sample is compatible with donor cells	0	0	0
Medical Director's approval and signed Deviation form	1	0	0
See Use of Other on Attestation	0	0	0
Forward type $\geq 2+$ strength. Reverse type $\geq 1+$ strength	0	0	0
If crossmatch incompatible due to ABO antibodies, continue group O red cells	0	0	0
With Medical Director's Approval	1	0	0
Crossmatch new sample to anti-human globulin phase if > 4 red blood cells of group O red cells	0	1	0
Blood bank armbands used; electronic positive patient identification	0	0	0
AND WITH THE APPROVAL OF THE PATHOLOGIST	1	0	0
Only O red blood cells are transfused during massive transfusion or emergency release	0	0	0
Forward type (2+ or greater) matches reverse type (1+ or greater)	0	0	0
Consult medical director and two matching types	1	0	0
Pathologist discretion	1	0	0
Small blood bank, cannot support massive transfusion	0	0	0
Medical Director would determine case by case	1	0	0
20 or less Group O units transfused	0	1	0
Current ABO Rh sample tested	0	0	0
After current ABO Rh typing of the patient	0	0	0
Not applicable to our lab	0	0	0
Provide group O units until type confirmed	0	0	0
Pathologist review prior to ABO class switch	1	0	0
Individual case by case basis	0	0	0
No class switching after 6-8 units / clear results	0	1	0
When plasma is compatible with original type	0	0	0
When forward and reverse type match	0	0	0
Back type matches patient's type.	0	0	0
With Medical Director approval	1	0	0
With pathologist's approval	1	0	0
Matching forward, reverse, and forward on second specimen	0	0	0
Technologist can give O Positive	0	0	0
Only for women over child bearing age and men	0	0	0
Transfusion service medical director approval only	1	0	0
Number of red cells issued and negative indirect antiglobulin test with group A1 or B cells	0	0	0
Our pathologist would make that decision	1	0	0
Freshly drawn specimen compatible with red cells of the patient	0	0	0
See 'Use of Other' section	0	0	0
No class switching allowed after 8 units transfused	0	1	0

Determination is made on a case by case basis	0	0	0
Once the recipient's ABO and Rh are determined	0	0	0
Patient's blood type would NOT be switched back	0	0	0
Done when patient has a negative direct antiglobulin test post massive transfusion	0	0	0
When isohemagglutinin is no longer detectable	0	0	0
When no discrepancies on forward and reverse	0	0	0
Contact Pathologist	1	0	0
Give 2 O negative, then type specific when the ABO type is complete	0	0	0
Blood Center. Transfusion service not provided.	0	0	0
We do not have a massive transfusion protocol	0	0	0
Issue 2 Type O red cells, then get type during infusion	0	0	0
Perform anti-human globulin crossmatch on new sample	0	0	0
Same ABO type on at least 2 separate occasions	0	0	0
We are not a transfusion service	0	0	0
See Use of Other comment section	0	0	0
Have a policy regarding ABO/Rh class switching	0	0	0
Pre-transfusion specimen with matching front and reverse type	0	0	0
No class switching after 10 units given	0	1	0
If > 6 O red cells are transfused, repeat type and screen to determine type	0	1	0
Two separate ABO/Rh on the same sample	0	0	0
Forward and reverse type match with a 3+ strength or greater. Anti-human globulin crossmatch compatible	0	0	0
Forward and reverse match, 2+ or greater in strength, tested twice	0	0	0
Forward and reverse type match 2+ or greater in strength, immediate spin is crossmatch compatible	0	0	0
We would need to consult with our Pathologist	1	0	0
When forward and reverse type match and units are compatible	0	0	0
After testing post transfusion specimen	0	0	0
See Use of other on Attestation/Use of Other Form	0	0	0
Not applicable	0	0	0
Do anti-human globulin crossmatches	0	0	0
Immunoematology reference laboratory	0	0	0
See "Use of Other" section	0	0	0
Once given 2 units of O red cells, we stay with O red cells	0	1	0
Pathologist consult for further advisement	1	0	0
See last page...	0	0	0
Pathologist must ok switch to type specific	1	0	0
Consult with pathologist	1	0	0
Pathologist signoff	1	0	0
Reference Lab and transfusion service- no massive transfusions	0	0	0
Evaluate on a case by case basis on transfusion history and serology	0	0	0

When type specific or fully crossmatched available	0	0	0
When specimen is received and ABO/Rh is tested	0	0	0
ABO class switching only with pre-transfusion sample	0	0	0
Evaluated on case by case basis by MD	1	0	0
Give group O until ABO identification is resolved	0	0	0
Massive Transfusions not performed	0	0	0
When no more than 10 O units have been issued	0	1	0
Give O until the ABO type is determined & confirmed	0	0	0
Only with Medical Director approval	1	0	0
Please see last page "use of other" section	0	0	0
Switch depending on age of patient and number of O red cells transfused	0	0	0
When anti-human globulin crossmatch is compatible with patients new sample	0	0	0
See Other on last page	0	0	0
Consult with Medical Director before switching blood type	1	0	0
New sample test for passively acquired Anti-A and or Anti-B	0	0	0
Continue give O cells if isoagglutins are detected	0	0	0
Not allowed per our standard operating procedure	0	0	0
If 10 or more units given, do not switch	0	1	0
See Use of Other section on Attestation form	0	0	0
Switch to type specific as soon as sample arrives	0	0	0
Prior to 10 units of red cells being transfused	0	1	0
Valid type according to policy	0	0	0
Consult with Medical Director	1	0	0
When forward and reverse match historical type	0	0	0
No class switching for the entire massive transfusion	0	0	0
We are a blood center	0	0	0
WE OBTAIN THE PATIENT'S PRE-TRANSFUSION SAMPLE	0	0	0
Transfuse O Negative red cells until the correct ABO type is confirmed	0	0	0
THE PATIENT WOULD BE SWITCHED TO ABO SPECIFIC UNITS	0	0	0
Handled case by case via pathologist consultation	1	0	0
Blood type has been obtained on a current sample	0	0	0
Would stay with type O and switch to Rh positive	0	0	0
No massive transfusion protocol. Patient flown out	0	0	0
Consult Blood Bank Pathologist	1	0	0
No policy, blood center	0	0	0
No policy specific to this situation	0	0	0
When pathologist ok's to switching and full crossmatch	1	0	0
Totals	41	12	3