

**TRANSFUSION PRACTICE QUIZ FOR MEDICAL STAFF UNDERTAKING A ROTATION AT WH.**

The pass mark required for successful completion of this mandatory quiz is 90% (13/15). On completion please make sure you have documented your name, answered all the questions then save and email your completed quiz to [meu@wh.org.au](mailto:meu@wh.org.au)

If you do not achieve the required pass mark on your first attempt, you will be contacted by email and advised that you are required to repeat the quiz. Each participant may have 2 attempts at completing the quiz.

**Q1.** In some circumstances it is possible to extend the validity of a blood sample for pretransfusion testing to ONE (1) month for elective surgery patients being seen in PAC and SEVEN (7) days for placenta praevia and elective caesarean patients with a negative Ab screen.

Excluding these patient groups how long is a standard pretransfusion sample for red cell antibody screening/crossmatch valid for?

- 72 hours
- 7 days
- 48 hours
- 24 hours

**Q2.** The tubes pictured below are used to collect blood samples for pretransfusion testing.



It is acceptable at Western Health to label these tubes with a preprinted patient identification label (Bradma)?

- True
- False

**Q3.** All blood products including immunoglobulins must be prescribed by a Medical Officer on a?

- IV Fluid Chart
- Fluid Balance Chart
- Blood Product Consent and Prescription Form
- Medication Chart

**Q4.** Optimum management of a critical bleeding/massive transfusion episode requires prompt action, as well as good communication and coordination between treating clinicians and the laboratory.

The Western Health Paediatric Massive Transfusion Protocol (MTP) accessible from the Intranet details suggested criteria for activation.

How do you activate the MTP?

- Call a code
- Ring switchboard
- Ring the hospital transfusion laboratory

**Q5.** For patient safety transfusions should not be commenced between 2000hrs and 0800hrs unless there is an acute clinical need for the transfusion e.g. active bleeding / haemolysis, the patient has a low Hb with symptoms?

True

False

**Q6.** Timmy Smith is 3 months of age. He has been admitted as he requires a non-urgent red cell transfusion for symptomatic anaemia.

The HMO has completed a request form for a Group and DAT for Timmy. This is all that is required by the Transfusion Laboratory?

True

False

**Q7.** Requests for urgent blood products and/or uncrossmatched red cells must be made by telephone to the hospital transfusion laboratory scientist?

True

False

**Q8.** If a parent/guardian would like written information regarding blood transfusion I can access this and print the information from the Western Health Intranet, Departments and Services :Blood/Transfusion: patient brochures?

True

False

**Q9.** All blood and blood products are issued on a per patient basis by the transfusion laboratory at Footscray or Sunshine hospital.

A Dorevitch Pathology Blood Product Request form must be completed for all requests for blood and blood products except for initial authorisation requests for intravenous Immunoglobulins which are made via BloodSTAR?

True

False

**Q10.** If the patient details on a pretransfusion blood sample are not identical to those on the request form, blood bank will allow me to correct the details on the specimen tube so that the test/crossmatch can be done?

Yes, if it is urgent.

Yes, if I go to Blood Bank immediately

Yes, if I take a new patient label to affix to the specimen

No, a new accurately labelled specimen and request form will be required

**Q11.** If a transfusion reaction requires investigation then a transfusion reaction investigation Eform must be completed and a printed copy sent to the hospital transfusion laboratory with a completed blood product request form and any additional specimens?

True

False

**Q12.** Following commencement of a transfusion of red cells you notice that the patient has developed a rash on their face and neck. What is the first action that should be taken?

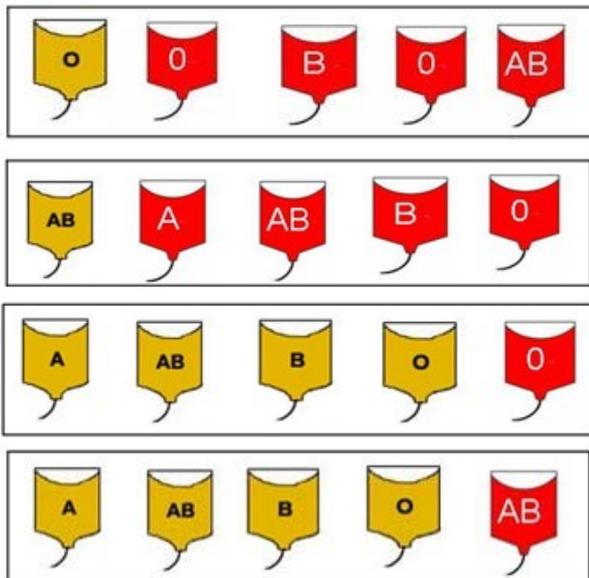
Nothing rashes are not uncommon with red cell transfusion.

Stop the transfusion

Slow the transfusion down

**Q13.** 9 year old Jackson Smith is ABO blood group O.

What ABO group of red cells and plasma can he be given?



**Q14.** WH policy requires that consent is obtained for all blood products. Prior to the administration of all blood products including immunoglobulins the risks and benefits must be explained to the patient or guardian so that they may make an informed decision.

Following this discussion consent must be documented on the blood consent and prescription form and signed by both the doctor and the patient/parent/guardian?

True

False

**Q15.** The sudden onset of severe hypotension, respiratory distress, wheezing, coughing, urticaria shortly after commencement of a transfusion suggest a severe allergic/anaphylactic reaction?

True

False

**Check each question is answered, your name is documented save and email file to [meu@wh.org.au](mailto:meu@wh.org.au)**