

Blood Transfusion Competency - Nursing Education 2007

Competency

With the combined efforts of Nursing Education and Information Systems Departments, MetroWest Medical Center has developed a tool to help clinical staff understand how to handle BLOOD TRANSFUSION.

Please answer the following questions and click on Submit upon completion of the entire quiz.

Thank you.

Please select the choice you feel best applies to the question.

1. If a blood product is not needed, the nurse must return the product to the Blood Bank within how many minutes of the product being issued?

- 20 minutes
- 30 minutes
- 45 minutes
- 60 minutes
- No time constraint

2. Verification of patient identify prior to blood administration is done in the presence of the patient with either two RNs or one RN and one LPN. Which of the following information is confirmed at that time?

- Patient's identity
- Medical Record number
- Blood Bank wristband number
- Date of Birth
- All of the above

3. A unit of blood must be infused within 4 hours of

- Start of IV with normal saline
- The unit of blood arriving on the floor
- Issue from the Blood Bank
- From start of actual administration
- All of the above

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4. A blood transfusion reaction may occur during the administration of blood or up to 14 days following. The symptoms of the blood transfusion reaction include which of the following?

- Elevated temperature, heart rate, respiratory rate
- Nausea
- Hematuria
- Jaundice
- All of the above

5. Which is true regarding the transfusion reaction known as Transfusion-Related Acute Lung Injury (TRALI)?

- Presentation includes acute respiratory insufficiency and/or X-ray findings consistent with bilateral pulmonary edema
- Presentation of symptoms are without cardiac failure or cause for respiratory failure
- The respiratory distress is usually disproportionate to the volume of blood infused
- Symptoms include chills, fever, hypotension within 1-2 hours post transfusion
- All of the above

6. Treatment of TRALI includes all the following except:

- Diuretics
- Stop transfusion immediately and do not restart with the same unit
- Keep the IV open with a slow NS drip
- Oxygen therapy
- Intensive respiratory support

7. All of the following statements regarding informed consent are correct EXCEPT?

- All blood transfusions require the informed consent of the patient or surrogate
- Obtaining consent is optional
- The physician is responsible for obtaining consent
- Obtaining consent may be delegated to a PA or NP or may be obtained by phone
- The informed consent is signed only once per admission per diagnosis

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8. The correct procedure for obtaining a blood bank specimen includes:

- Confirmation of patient identification (name and date of birth)
- A person with documented competency and an RN present for the draw
- The first initial and last name of both the RN and person with documented competency on the tube
- Use of the blood bank identification bracelet (Typenex)
- All of the Above

* 9. Please complete the information below:

First Name:

Last Name:

Department:

Manager's Name:

Phone/Extension:

Shift:

Thank you

Thank you for taking the time to respond to this competency.