

Learner Response Summary

Successful

Scenario: Virtual Simulation Blood Transfusion Reaction (082)

Started On May 12, 2023

Question 1

Your Choices:

- Review local policy ✓
 - Initiate dedicated intravenous access ✓
 - Confirm blood transfusion consent has been obtained ✓
 - Confirm type and screen and/or cross and match laboratory testing is completed ✓
 - Infuse a compatible intravenous solution through blood administration set to keep vein open ✓
-

How is consent obtained for blood transfusion?

Your Choices:

- The prescriber obtains written consent ✓
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Question 3

Your Choices:

- "There is a small risk for transfusion reaction. We will monitor you closely and ask that you please let us know if you experience chills, itching, difficulty breathing or pain." ✓
-

Is this intravenous solution compatible with blood products?

No response submitted.

Questions 4 NS

Your Choices:

- Yes ✓
-

Is this intravenous solution compatible with blood products?

No response submitted.

Questions 4 LR

Your Choices:

- No ☒
-

Is this intravenous solution compatible with blood products?

No response submitted.

Questions 4 D5

Your Choices:

- Yes ☒
-

Is this intravenous solution compatible with blood products?

No response submitted.

Questions 4 KCL

Your Choices:

- No ☒
-

Question 5

Your Choices:

- Verify the health care provider's orders ☒
 - Identify patient using at least two, person specific identifiers (i.e., name and date of birth, or name and medical record number) ☒
 - Check expiry date on unit of blood ☒
 - Visually inspect blood bag for any signs of contamination or leaks ☒
 - Ensure compatibility of blood product with client blood type ☒
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Ordered List

Your Choices:

- Initiate infusion within 30 minutes of arrival from blood bank ☒
- Obtain baseline vital signs ☒
- Verify that transfusion record number and patient identification number match ☒
- Administer the blood product within 4 hours of arrival ☒

- Verbally compare and correctly verify patient, blood product, and blood type with another qualified health care professional ✔️

Question 6

No response submitted.

Question 6

Your Choices:

- Immediately assess the client ✔️

Question 7

Your Choices:

- Stop the transfusion and call for help ✔️

Question 8

Your Choices:

- Assess for pain ❌
 - Re-check left arm ❌
 - Focused respiratory assessment ✔️
 - Re-check vital signs ✔️
 - Assess level of consciousness ❌
 - Focused neurological assessment ❌
-

Question 9 Questions

Your Choices:

- Allergic reaction ✔️

How would you reassure the client?

Your Response:

I believe you are having a reaction to the blood so I am going to stop the infusion and notify your doctor. Everything is okay, don't worry. I will be right here with you the whole time.

Question 11

Your Response:

Identity: Hi Its Nurse Amanda from Unit..

Situation: I am calling in regards to Marissa Grant, 40 F. She is currently getting a blood transfusion and has developed a rash on both arms. Her admission date was...

Background: She is receiving this blood transfusion due to a post-partum hemorrhage resulting in low hemoglobin of 64 g/L. She delivered vaginally approx. 1.5hrs ago. The blood transfusion is currently on hold and had been running for 15minutes before reaction was noted.



Assessment: Her current vitals are HR 104, BP 90/64, Spo2 96% RA, RR 19 and temp 37.3. She reports no respiratory issues, Lungs sounds clear in all quadrants and no N&V reported. Rash is localized to the arms and has no spread.

Recommendation: Do you want me to administer Benadryl?

Repeat back: I would repeat back the doctors orders to ensure I have written the right orders down.



Question 12

Your Choices:

- Administer antihistamine 
 - Re-start transfusion 
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How should nurse Sandy prioritize her patient assignment?

Your Choices:

- Delegate administration of pain medication to another nurse, and delay discharge. 
 - Ask charge nurse to re-assign workload to ensure Sandy can closely monitor the client experiencing the transfusion reaction. 
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Self-Debriefing & Reflection

Your Response:

I have never experienced a transfusion reaction thus far in my Nursing career. I will now always check on my colleagues patients that are receiving blood first before checking other patients when I am covering. This reaction could have went unnoticed if the covering nurse did not check on this patient.

Thank you for participating in this virtual simulation.

Your Choices:

- View & Download Results
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