



BLOOD SAFETY: WIN, LOSE, OR DRAW

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This CE test covers all articles in the cover story section. The Cover Story and Clinical Issues published in this month's *MLO* are peer-reviewed.

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CE QUESTIONS

- A recent study indicated that what percentage of phlebotomists reported blood splash during collection?**
 - 50%
 - 62%
 - 74%
 - 96%
- A blood splatter or splash is considered patient blood beyond the hand during collection.**
 - TRUE
 - FALSE
- Of phlebotomists surveyed, the number of blood-splatter occurrences was**
 - two per person.
 - seven per person.
 - 10 per person.
 - more than 15 per person.
- The most common reason for splashing of patient blood during phlebotomy was**
 - movement by patient.
 - equipment failure.
 - poor technique.
 - none of the above.
- Which of the following is not a factor of blood splatter due to technique?**
 - Pulling needle out too soon
 - Incomplete release of tourniquet
 - Collector distraction
 - Jerking by the patient
- Which of the following is a factor in blood splashing due to equipment failure?**
 - Pulling plunger out of syringe
 - Cracked tubes
 - Vein size
 - Clotting issues
- The survey indicated that more than 50% of phlebotomists wear a protective lab coat or jacket that is fluid resistant.**
 - TRUE
 - FALSE
- Reporting of incidences of blood-splatter occurrences varies related to the individual's perception of the risk.**
 - TRUE
 - FALSE
- Explanations given for *not* reporting blood-splatter occurrences included:**
 - too busy
 - too much paperwork required
 - embarrassment
 - feeling of incompetence
 - all of the above
- OSHA does not require the employer to institute policies to eliminate routes of exposure during blood collection.**
 - TRUE
 - FALSE
- The Community Blood Center of Greater Kansas City, MO, launched an online registry of**
 - number of transfusions.
 - names of patients with known antibodies.
 - names of patients transfused.
 - blood-center services.
- The blood-center registry is used to**
 - improve turnaround time for antibody workups.
 - reduce risk of hemolytic transfusion reactions.
 - instant access to records.
 - do all of the above.
- Hospitals in which states have access to the Antibody Registry?**
 - Illinois and Ohio
 - Iowa and Nebraska
 - Kansas and Missouri
 - Missouri and Illinois

14. What is the number of emerging infectious agents that pose a potential threat to the blood supply?

- a. less than 10
- b. 25 to 50
- c. 60 to 70
- d. more than 100

15. A debilitating mosquito-borne disease that is not yet tested for on donated blood is

- a. Dengue.
- b. Chagas.
- c. Hepatitis C.
- d. West Nile.

16. Countries outside of the U.S. are using a pathogen-reduction technology on blood products that includes the use of

- a. chemicals.
- b. toxins.
- c. ultraviolet light.
- d. filtration.
- e. both a and c.

17. Leukocytes can carry hidden viruses and react with a recipient's immune system.

- a. TRUE b. FALSE

18. Blood donors may be rejected because of

- a. travel.
- b. risky sexual behavior.
- c. certain medical conditions.
- d. some medications.
- e. all of the above.

19. In 2006, the percentage of donor blood that had to be destroyed was

- a. 2%.
- b. 5%.
- c. 10%.
- d. 15%.

20. The CDC is encouraging hospitals to track lung injury and deadly reactions to blood transfusions through the hemovigilance program.

- a. TRUE b. FALSE

TEST ANSWER FORM

CE Test on BLOOD SAFETY: WIN, LOSE, OR DRAW

July 2010

(This form may be photocopied; it is no longer valid for CEUs after January 31, 2012.)

Circles must be filled in, or test will not be graded.
Shade circles like this: ● Not like this: ⊗

P=Poor; E=Excellent

1. To what extent did the article focus on or clarify the objectives?

P ① ② ③ ④ ⑤ **E**

2. To what extent was the article well-organized and readable?

P ① ② ③ ④ ⑤ **E**

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- state license
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