



THE BLOOD BANK: WHOLE LOT A SHAKIN' GOIN' ON

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Objectives and CE questions prepared by Gail S. Williams, PhD, MT(ASCP) SBB, CLS(NCA), Clinical Laboratory Sciences Program, College of Health and Human Sciences, Northern Illinois University, DeKalb, IL.

1. **The main blood product used during WWII was**
 - a. whole blood.
 - b. platelets.
 - c. plasma.
 - d. packed RBCs.
2. **Today, a soldier severely injured in battle has improved survival over a wounded WWII soldier by**
 - a. 5%.
 - b. 10%.
 - c. more than double.
 - d. 25%.
3. **The ASBP is comprised of**
 - a. Army.
 - b. Navy.
 - c. Air Force.
 - d. All of the above.
4. **Research and development activities of the ASBP are managed by**
 - a. ASBP.
 - b. ASBPO.
 - c. SBPO.
 - d. AABB.
5. **Shipping of blood throughout the world is managed by**
 - a. each service's SBPO.
 - b. collective SBPO.
 - c. ASBPO.
 - d. ASBP.
6. **How many DoD blood centers are operational currently in the world?**
 - a. 19
 - b. 22.
 - c. 3.
 - d. None of the above.
7. **Since 2002, approximately how many blood units are provided by DoD blood centers?**
 - a. 80,000
 - b. 100,000
 - c. 125,000
 - d. 150,000
8. **How does the distribution of blood through the DoD differ from civilian distribution?**
 - a. The DoD has a worldwide presence.
 - b. The DoD has an international mission to deliver blood anywhere.
 - c. The DoD only delivers to existing airports.
 - d. Both a and b
9. **The main distribution mission of the DoD is accomplished by**
 - a. ASBPO.
 - b. USTRANSCOM.
 - c. ASWBPL.
 - d. AABB.
10. **Retyping to check a units ABO and Rh on units shipped overseas is done by what facility?**
 - a. On-site transfusion field hospital
 - b. ASBP
 - c. ASWBPL
 - d. None of the above.
11. **When units are shipped long distances with multiple stops at airports, the packaging is done once with extra ice and checked for proper temperature at the destination site.**
 - a. TRUE
 - b. FALSE
12. **Massive transfusions are now handled by an award-winning treatment plan that has reduced mortality in the field to**
 - a. 9%.
 - b. 22%.
 - c. 17%.
 - d. 65%.
13. **Massive transfusions are now treated with a combination that includes**
 - a. limited saline, even plasma/blood ratio, rFVIIa, platelets, and cryo.
 - b. three times the blood volume of saline and four/plasma to one/ blood-unit ratio.
 - c. whole blood, rFVIIa, and platelets only.
 - d. packed RBCs, cryo, and platelets.

14. Melbourne Internal Medicine Associates is located in

- a. Australia.
- b. Florida.
- c. Louisiana.
- d. England.

15. MIMA is accredited by

- a. COLA.
- b. AABB.
- c. State of Florida's Healthcare Division.
- d. Australia's Health Division.

16. Why did this POL implement the expansion to blood transfusion?

- a. The local hospital laboratory doing the testing wanted the patients to be admitted.
- b. They wanted to be the first POL blood bank in the country.
- c. The AABB consultant recommended it.
- d. None of the above.

17. MIMA, a POL, does how many lab tests a year?

- a. ~10,000
- b. ~100,000
- c. ~500,000
- d. >1,000,000

18. The timeline to create a blood bank at MIMA was

- a. 1 year.
- b. 9 months.
- c. 6 months
- d. 3 months.

19. The implementation was divided into the phases including

- a. personnel, equipment, SOPs, financial.
- b. building brand new lab and clinic, computerization, regulatory.
- c. facilities, personnel, equipment.
- d. get state licensure, hire a supervisor.

20. To oversee the new blood bank, MIMA hired a licensed

- a. MD.
- b. PhD.
- c. MT.
- d. MLT.

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2. ○ ○ ○ ○ ○

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