

MEDICAL LABORATORY OBSERVER



DISEASES WITHOUT BORDERS

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The Cover Story and Lab Management published in this month's *MLO* are peer-reviewed.

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CE QUESTIONS

- All of the following diseases are transmitted by mosquitoes except**
 - Chikungunya.
 - Dengue.
 - Leishmaniasis.
- The disease transmitted by triatomine bugs is**
 - Chagas.
 - Chikungunya.
 - Dengue.
 - Leishmaniasis.
- The condition that remains a threat to troops stationed in Iraq and Afghanistan is**
 - Chagas.
 - Chikungunya.
 - Dengue.
 - Leishmaniasis.
- The disease caused by an infection of *Trypanosoma cruzi* is**
 - Chagas.
 - Chikungunya.
 - Dengue.
 - Leishmaniasis.
- The primary vector of Chikungunya disease is *Aedes aegypti*.**
 - TRUE
 - FALSE
- Which of the exotic diseases described can lead to hemorrhagic fever?**
 - Chagas
 - Chikungunya
 - Dengue
 - Leishmaniasis
- Which disease consists of a chronic phase with the parasites hidden in heart and digestive muscle?**
 - Chagas
 - Chikungunya
 - Dengue
 - Leishmaniasis
- Leishmaniasis in the cutaneous form produces**
 - abdominal pain.
 - mild fever.
 - skin ulcers.
 - swelling of spleen and liver.
- Leishmaniasis infection causes persons infected by HIV to be protected from AIDS.**
 - TRUE
 - FALSE
- Confirmation of a dengue fever infection would include finding**
 - skin ulcers.
 - rash.
 - DENV-1.
 - parasites in blood smears.
- The only condition described which has a specific treatment is**
 - Chagas.
 - Chikungunya.
 - Dengue.
 - Leishmaniasis.
- Chikungunya is most commonly found in**
 - Africa and Asia.
 - North and South America.
 - India.
 - Afghanistan.

13. An instrument being developed to identify Chagas disease in rural areas utilizes

- a. DNA testing.
- b. serologic testing.
- c. blood smear examination.
- d. urinalysis.

14. The visceral disease also known as “kala azar” is

- a. Chagas.
- b. Chikungunya.
- c. Dengue.
- d. Leishmaniasis.

15. The latest outbreak of Chagas disease was in

- a. Louisiana.
- b. Kenya.
- c. Venezuela.
- d. Baghdad.

16. Of the diseases described, the greatest number of reported cases in the Americas (890,000) is

- a. Chagas.
- b. Chikungunya.
- c. Dengue.
- d. Leishmaniasis.

17. Vector control is a viable option for containing the spread of all of the diseases described.

- a. TRUE
- b. FALSE

18. Mosquito-born diseases result from the spread of virus by

- a. uninfected mosquito feeding on the blood of an infected person.
- b. infected female mosquito transmitting to its offspring.
- c. infected mosquito feeding on uninfected person.
- d. all of the above.

19. *Aedes albopictus* is nicknamed

- a. African lion mosquito.
- b. Asian tiger mosquito.
- c. American wolf mosquito.
- d. Indian leopard mosquito.

20. The parasitic disease caused by an infected sand fly is

- a. Chagas.
- b. Chikungunya.
- c. Dengue.
- d. Leishmaniasis.

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CE Test on DISEASES WITHOUT BORDERS

August 2010

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