

Care CEUs

HIV Treatment

1. Which of the following statements regarding antiretroviral therapy (ART) is most accurate?

- A. ART is recommended for HIV-infected individuals for the prevention of transmission of HIV.
 - B. Studies have shown ART cannot prevent the transmission of HIV.
 - C. Studies have shown ART cannot improve HIV patients' immune system function.
 - D. None of the above
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2. A 48 year-old male, HIV patient presents to your hospital with an acute infection. He is currently on no medications and his CD4 count is below 350 cells/ μ L. Which of the following recommendations can be made to reduce HIV-related morbidity?

- A. Initiate an ART treatment regimen when the patient's CD4 count is below 300
 - B. Initiate an ART treatment regimen when the patient's CD4 count is below 200
 - C. Initiate an ART treatment regimen as soon as possible
 - D. None of the above
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3. You are taking an HIV patient's history upon admission. It is important to gather information on which of the following?

- A. Medication allergies
 - B. HIV RNA (viral load) history
 - C. Current medications, including herbal preparations
 - D. All of the above
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4. Which of the following should be included in the first step to initiating a patient on an ART regimen?

- A. Select the appropriate medications
 - B. Review the medication side effects with the patient
 - C. Have a detailed discussion with the patient about his or her readiness to commit to a medication regimen
 - D. None of the above
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5. ART medications cannot be initiated after the presence of an opportunistic infection.

- A. True
 - B. False
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6. Which of the following medications are considered to be a NRTI fixed-dose, combination formulation?

- A. Truvada
 - B. Epzicom
 - C. Kaletra
 - D. Both A and B
-

7. Preferred INSTI based regimens may include Raltegravir.

- A. True
 - B. False
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8. Your patient is initiated on ART medications. Which of the following should be monitored?

- A. Adverse reactions
 - B. CD4 count
 - C. Blood pressure
 - D. All of the above
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9. "Antiretroviral (ARV) medications can be given in two-drug regimens to decrease the potential for developing of resistance."

- A. True
 - B. False
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10. A 32 year-old women is admitted to your unit. She is currently experiencing ART treatment failure. Which of the following factors could have lead to her treatment failure?

- A. Poor ARV medication adherence
 - B. ARV resistance
 - C. CD4 count elevation
 - D. Both A and B
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11. Combination ARV regimens are recommended for all HIV-infected women during pregnancy, regardless of CD4 count.

- A. True
 - B. False
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12. Which of the following ARV medications can be used during pregnancy?

- A. Tenofovir

- B. Kaletra
 - C. Nevirapine
 - D. All of the above
-

13. "HIV-infected pregnant women who have not received ARV prior to labor should be given ZDV as a continuous infusion during labor."

- A. True
 - B. False
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14. What is the recommended infant ZDV dose?

- A. 4 mg/kg/dose PO QID
 - B. 4 mg/kg/dose PO BID
 - C. 8 mg/kg/dose PO BID
 - D. 8 mg/kg/dose PO TID
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15. Which of the following should be evaluated during every medical visit by pregnant women with HIV?

- A. Blood pressure
 - B. Intimate-partner violence
 - C. HIV antibody test
 - D. Both A and B
-

16. Which of the following immunizations are recommended for pregnant women with HIV infection?

- A. Varicella
 - B. Measles/Mumps/Rubella
 - C. Tetanus-diphtheria-pertussis
 - D. Both A and B
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17. "Heterosexual transmission of HIV is more efficient from man to woman than from woman to man."

- A. True
 - B. False
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18. Which of the following ARV adverse effects may be more severe in women?

- A. Anemia
- B. Bone loss
- C. Lactic acidosis

D. All of the above

19. A 36 year-old male patient is admitted to your unit for palliative HIV care. Which of the following treatment strategies may be used as supportive care?

- A. Pain management
 - B. Nausea management
 - C. Depression treatment
 - D. All of the above
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20. Megestrol acetate may improve appetite and fatigue in HIV patients.

- A. True
 - B. False
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21. Which of the following medications may be used to treat HIV related constipation?

- A. Senna
 - B. Docusate
 - C. Zofran
 - D. Both A and B
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22. You are asked to educate your HIV patient on advance care planning, what should you include?

- A. Advance directive information
 - B. Health care proxy information
 - C. Pain management information
 - D. All of the above
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23. You are asked to assess your patient's ART medication adherence, what questions should you ask your patient?

- A. What HIV medications do you take and what are their dosages?
 - B. How many doses of your HIV medication have you missed in the past 72 hours?
 - C. Are you comfortable taking medications in front of others?
 - D. All of the above
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24. Advanced HIV infection does not impact patient medication adherence.

- A. True
 - B. False
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25. Which of the following strategies can improve ART medication adherence?

- A. Anticipate and treat adverse effects
 - B. Simplify medication regimens
 - C. Provide substance abuse recourses
 - D. All of the above
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