Latency Reversing Agent Assessment

Generally, what are the steps of the HIV/AIDS care cycle?
- a. Treatment->Prevention->Intervention
- b. Treatment->Intervention->Prevention
- c. Diagnosis->Treatment->Prevention
- d. Diagnosis->Prevention->Treatment

What have we found out through the two Boston patients and the Mississippi child?
- a. delayed viral rebound is achievable
- b. transient remission is possible
- c. early ART treatment is a key prevention technique
- d. A and B

The pool of HIV-1 antiretroviral therapy can prevent the creation of new latently infected cells.
- a. True
- b. False

Which of the following is an anatomical reservoir?
- a. Heart
- b. Lungs
- c. Kidney
- d. Brain

Frequency of latent infection is synonymous to size of the reservoir.
- a. True
- b. False
What can contribute to an increased reservoir size?
   a. Prolonged treatment
   b. Early ART treatment
   c. An absence of early ART treatment
   d. Combination of antiretroviral drugs

Which of the following does not activate latent infection?
   a. Only HIV RNA
   b. HIV DNA
   c. HIV proteins
   d. HIV virions

What turns HIV genes “on”?
   a. Immune checkpoint inhibitors
   b. Methylation inhibitors
   c. Cytokines
   d. Histone deacetylase inhibitors

How many doses of HDACi vorinostat can activate HIV transcription in vivo?
   a. Single
   b. Double
   c. Triple
   d. None

Based on what you have learned thus far, which of the following are true?
   a. Early ART Treatment and clinical trials of various drugs do not do anything in inhibiting latency reversing agents.
   b. In order to eradicate HIV, one needs to understand the concept of latency.
   c. Harnessing immune response, other cellular pathways, or new technology to assist in clearing of infected cells is a key step.
   d. B and C
Answer Key
## Answer Key

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<tr>
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<th>Answer</th>
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