Early ART Assessment

Fiebig stage two appears after how many days?
   a. 5 – 10
   b. 10 – 25
   c. 15 – 20
   d. 10 – 15

What are the three main strategies used to eliminate HIV persistence?
   a. Preventive measure, Treatment, LRA
   b. Preventive measure, Treatment, Latency-Reversing Agent
   c. Preventive Measure, Latency-Reversing Agent, Shock and Kill
   d. Preventive Measure, Latency Reversing Agent, Gene-Editing Therapy

Where is HIV latency mainly established in acute HIV infection?
   a. CD4+ T cells
   b. HIV virions
   c. HIV RNA
   d. CD8+ T cells

Which of the following facts about early ART is true?
   a. Earlier treatment is synonymous to a smaller reservoir size
   b. Benefits of early ART treatment is maximized during the first few weeks of infection
   c. Subset of latently infected cells may persist indefinitely
   d. All of the above

Early ART _____ the persistence of HIV reservoir in long-lived CD4+ T cell subsets
   a. strengthens
   b. limits
   c. increases
   d. erases
The case of the Mississippi child allowed us to conclude the following except:

a. HIV could persist in latent reservoirs
b. Early ART could prolong the time to viral load rebound
c. A large number of latently infected cells could rekindle HIV infection
d. Current HIV reservoir test may not be sensitive enough

The Mississippi child did not have detectable HIV in blood plasma later in life (46 months).

a. True
b. False

Which of these ethical and social considerations apply to early antiretroviral treatment:

a. Early ART will not be “curative”
b. The is always a risk of viral rebound when taking off therapy
c. A and B
d. None of the above

What are PBMCs?

a. Post-infection bacterial macrophagic cells
b. Peripheral blood mononuclear cells
c. Peripheral body maximal cells
d. Post-infection blood mononuclear cells

The replication-competent HIV reservoir makes up a large part of HIV DNA.

a. True
b. False
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