A. Generation of memory CD4 T-cells

- CD4+CD8+ thymocyte
- Deactivation (Thymopoiesis)
- Naïve CD4 T-cell
- Activation (Antigen)
- Activated CD4 T-cell
- Deactivation
- Resting memory CD4 T-cell

B. Infection during deactivation

- Thymocyte
- Active integration
- Death
- Silent integration (latent)
- Naïve (latent)
- Naïve (latent)
- Death
- Memory
- Memory (latent)

C. Direct resting cell infection

- Activated
- Active integration
- Memory (latent)
- Silent integration (latent)
- Death
- Memory (latent)

- Free virus
- Integrated proviral DNA