



Name _____ Class _____ Date _____

HIV Care & Treatment

There is no cure for HIV infection, but **medicines** (called **antiretrovirals**) can slow or prevent HIV from advancing from one stage to the next. These medicines also reduce the risk of HIV transmission to others.

People on **antiretroviral therapy (ART)** take a combination of HIV medicines (called an **HIV treatment regimen**) every day. Treatment is most successful when a patient actively takes part. Overall, the benefits of HIV medicines far outweigh the risk of side effects. In addition, newer HIV regimens cause fewer side effects than regimens used in the past.



ART can't cure HIV, but HIV medicines can help people with HIV live longer, healthier lives.

HIV Medications

There are **more than 30 HIV medicines** approved by the U.S. Food and Drug Administration (FDA) to treat HIV infection. They are grouped into **7 drug classes** according to how they fight HIV:

- *Non-nucleoside reverse transcriptase inhibitors (NNRTIs)*
- *Nucleoside reverse transcriptase inhibitors (NRTIs)*



HIV m...
the vi...
some...
related...
A mai...
a per...
under...
the le...
low to...
who n...
load...
transmitting HIV to others.

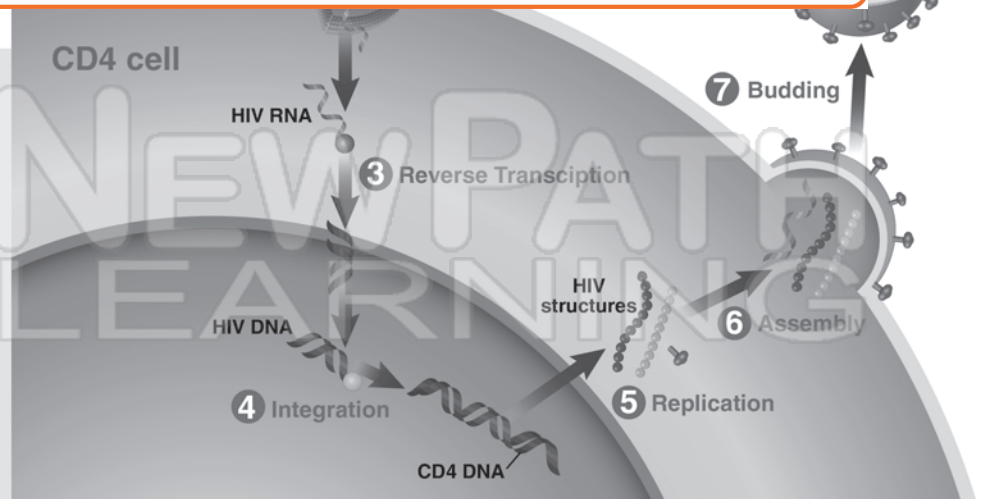
led still...
HIV

PREVIEW

Please [Sign In](#) or [Sign Up](#) to download the printable version of this worksheet

HIV uses host cells (including **CD4** cells) to replicate. HIV medicines can **inhibit or stop** the **HIV life cycle** at different stages of development.

- *Binding:* CCR5 Antagonist, Post-attachment Inhibitors
- *Fusion:* Fusion Inhibitors
- *Reverse Transcriptions:* NNRTIs, NRTIs
- *Integration:* Integrase Inhibitors
- *Budding:* Protease Inhibitors





Name _____ Class _____ Date _____

Pathogens & Disease

Body Defenses against Pathogens

Innate Immune System _____

Adaptive Immune System _____

Draw an example of
Innate Defense

Draw an example of
Adaptive Immune Response



PREVIEW

Please [Sign In](#) or [Sign Up](#) to download
the printable version of this worksheet

How does HIV affect the immune system?