

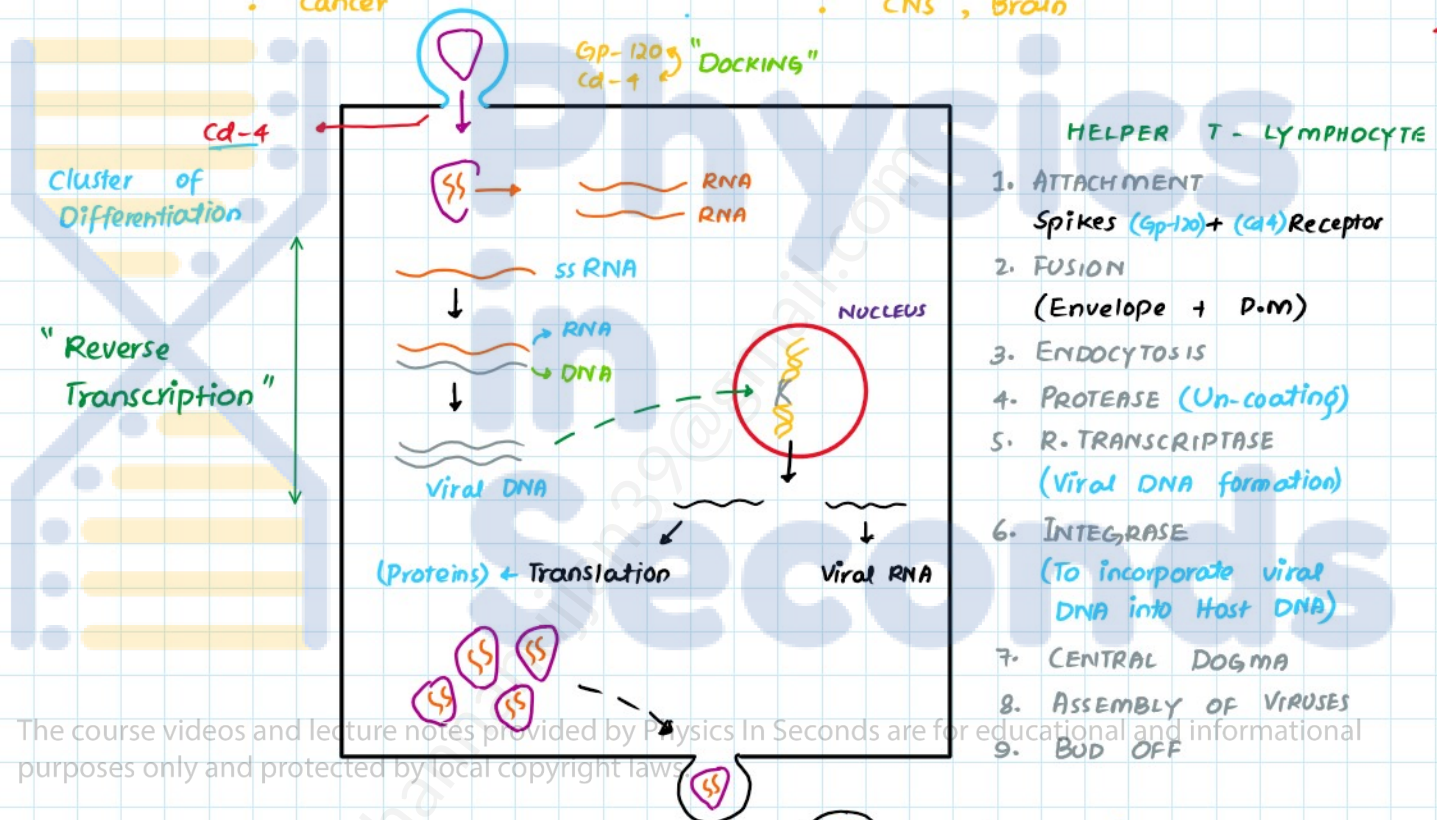
HUMAN IMMUNODEFICIENCY VIRUS LIFE CYCLE

AIDS : Acquired Immuno-deficiency Syndrome (Complex of Disease)

(B) → Humoral Immunity cell-mediated Immunity ← (T) ⇒ Receptors (cd4, cd8)

SIGNS AND SYMPTOMS:

- Severe Infections
- Rapid Weight loss
- Cancer
- CNS , Brain



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SYMPTOMS OF HIV :

→ Shown b/w 6 weeks to 3 months

→ Early HIV Symptoms → Same as "Flu" +

- Fever
- Rash , Muscle-aches
- Swollen lymph Nodes

OPPORTUNISTIC INVASION

→ Take advantage of weak Immune system

- Pulmonary tuberculosis
 - Candidiasis (Esophagus, Trachea, bronchi, lungs)
 - Toxoplasmosis of the Brain
 - Severe Bacterial infection
 - Pneumonia
- (Vision loss, Nerve damage, Brain impairment)

TREATMENT FOR AIDS

→ No cure for HIV/AIDS
→ No vaccine

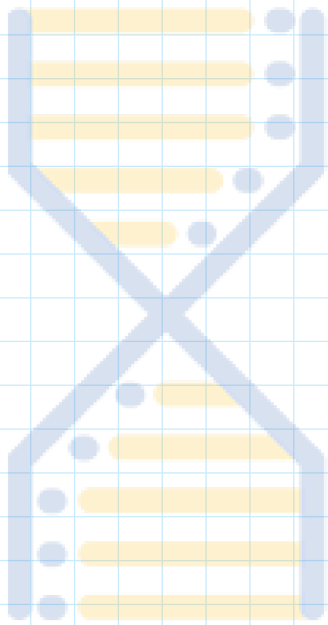
- Anti - HIV (anti- retroviral) → Hinders multiplication of virus
- HAART (Highly Active Antiretroviral Therapy)
 - ↳ Combination of ③ or more

PREVENTION

- Avoid transmission routes

Cautions

- ✓ Sexual Contact
- ✓ Blood / Blood Product
- ✓ Contaminated medical utensils
- Mother → Foetus (Pregnancy)
- Acupuncture, Tatto, Ear Piercing etc.
- "STERILIZATION" of utensils



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