

Triple Elimination SMART CARDS Leaders Version

Businesses for Health:
Tuberculosis and HIV

1. This document has the facilitator answers, explanations, and PNG context.

Possible ANSWERS are shown in small italic text for leaders only.

2. Print the 40 cards from CARDS document.

The 4 cards are KEYWORDS, FACT check, ACTION, and DATA

Place the cards face down on the table in 4 piles. FACT ACTION KEY WORD DATA

Moving around the group one by one the player chooses a card – if they are correct they keep it to keep track of score – if they cannot answer it they keep passing the card around the group until someone gets it correct.

The winner is the person with most cards at the end of the game or when all cards are dealt (and answered) correctly.

If there is no correct answer then it goes back in the pile -as the answer may be revealed by other questions/answers.

Keyword - Card 1
Prompt: PMTCT

A: Prevention of Mother-To-Child Transmission
B: Interventions to prevent vertical HIV, syphilis, HBV
C: PNG national PMTCT guidelines

Keyword - Card 2
Prompt: Viral Load

A: Amount of HIV virus in blood
B: Indicates ART effectiveness
C: Viral suppression targeted in PNG guidelines

Keyword - Card 3
Prompt: Antenatal Care (ANC)

A: Care during pregnancy before birth
B: Ensures testing and prevention interventions
C: PNG ANC includes HIV/syphilis screening

Keyword - Card 4
Prompt: Opportunistic Infection

A: Infections due to weak immunity
B: HIV reduces immunity; TB, fungal, etc. may develop
C: PNG sees high HIV-TB coinfection

Keyword - Card 5
Prompt: Mother-to-Child Transmission

A: Transmission of HIV, syphilis, HBV from mother to baby
B: Occurs in pregnancy, delivery, or breastfeeding
C: PNG mother-to-child HIV transmission ≈30% (UNICEF)

Keyword - Card 6
Prompt: ART

A: Antiretroviral Therapy suppresses HIV
B: Prevents progression, lowers viral load
C: PNG ART guidelines available

Keyword - Card 7
Prompt: Latent TB

A: TB infection without symptoms
B: Dormant infection may progress
C: PNG TB screening includes latent TB

Keyword - Card 8
Prompt: Viral Suppression

A: HIV viral load undetectable
B: Low transmission risk
C: PNG guidelines emphasize suppression

Keyword – Card9
Prompt: Syphilis Testing

A: Screening for syphilis
B: Prevents congenital syphilis if treated early
C: PNG ANC includes syphilis screening

Keyword - Card 10
Prompt: HBV Birth-Dose Vaccine

A: Hepatitis B vaccine within 24h of birth
B: Prevents perinatal HBV transmission
C: PNG immunization program includes HBV birth dose

Keyword - Card 11
Prompt: Syphilis Testing

A: Screening for syphilis
B: Prevents congenital syphilis if treated early
C: PNG ANC includes syphilis screening

Keyword - Card 12
Prompt: HPV vaccine

A: HPV (human papillomavirus) vaccine is given to teenagers before they become sexually active
B: Prevents transmission of HPV if given before infection
C: HPV is the biggest cause of Cervical Cancer in PNG

Fact Check - Card 1

Prompt: HIV can be transmitted through breastfeeding.

A: True
B: HIV in breast milk infects unless prevented
C: PNG PMTCT includes infant feeding counselling

Fact Check - Card 2

Prompt: TB only affects the lungs.

A: False
B: TB can affect many organs
C: PNG also sees extrapulmonary TB

Fact Check - Card 3

Prompt: ART reduces mother-to-child HIV transmission to <5%.

A: True
B: With adherence, risk drops very low
C: PNG aims for this in PMTCT

Fact Check - Card 4

Prompt: Hepatitis B can be prevented with a vaccine.

A: True
B: Vaccine is highly effective
C: PNG immunization includes HBV

Fact Check - Card 5

Prompt: People with TB always show symptoms.

A: False
B: TB can be subclinical early
C: PNG promotes TB screening

Fact Check - Card 6

Prompt: HIV treatment is lifelong.

A: True
B: ART is continuous
C: PNG guidelines specify lifelong ART

Fact Check - Card 7

Prompt: Syphilis increases HIV transmission risk.

A: True
B: Ulcers allow HIV entry
C: Co-infection screening in PNG ANC

Fact Check - Card 8

Prompt: HIV testing is confidential.

A: True
B: Confidentiality is mandatory
C: PNG HIV policy protects privacy

Fact Check - Card 9

Prompt: HIV can be cured with ART.

A: False
B: ART suppresses but does not cure
C: PNG follows global norms

Fact Check - Card 10

Prompt: TB spreads via coughing/sneezing.

A: True
B: Airborne droplets carry TB bacteria
C: PNG TB programs emphasize cough hygiene

Fact Check - Card 11

Prompt: Can syphilis become a recurrent infection?

A. True
B. Using condoms consistently and correctly, and regularly screening for sexually transmitted infections, can significantly lower the risk of reinfection
C. Risk factors for reinfection include having multiple sexual partners, unprotected sex, and co-infection with HIV.

Fact Check - Card 12

Prompt: Hepatitis B is a viral infection?

A. True
B. Hepatitis B can be spread through infected bodily fluids
C. Hepatitis B can be prevented by vaccines

Data - Card 1

Prompt: % MTCT prevented with ART?

A: >95%
B: Effective ART prevents almost all cases
C: PNG still has high MTCT (~30%)

Data - Card 2

Prompt: When should HBV vaccine be given?

A: Within 24h
B: Early dose prevents HBV transmission
C: PNG guidelines require timely birth dose

Data - Card 3

Prompt: % untreated TB die within 5 years?

A: ~50%
B: TB is often fatal untreated
C: PNG has high TB mortality

Data - Card 4

Prompt: Standard TB treatment length?

A: 6 months
B: First-line regimen is 6 months
C: PNG TB control uses 6-month regimen

Data - Card 5

Prompt: % HIV transmission reduction if suppressed?

A: ~100%
B: Undetectable = Untransmittable
C: PNG ART guidelines emphasize suppression

Data - Card 6

Prompt: HIV rapid test window period?

A: 3–12 weeks
B: Antibodies take time to develop
C: PNG HIV testing includes counselling on window period

Data - Card 7

Prompt: % congenital syphilis prevented with treatment?

A: >95%
B: Maternal penicillin prevents transmission
C: PNG maternal programs include syphilis screening

Data - Card 8

Prompt: HBV vaccine doses?

A: 3 doses
B: Full series needed
C: PNG immunization includes HBV series

Data - Card 9

Prompt: UNAIDS 95-95-95 target?

A: 95% know status, 95% treated, 95% suppressed
B: Global HIV elimination milestone
C: PNG working toward targets (UNAIDS)

Data - Card 10

Prompt: % TB cases curable with treatment?

A: >90%
B: Proper regimen highly effective
C: PNG TB cure goals match global targets

Data - Card 11

Prompt: Number of people infected with HIV in 2024.

A: 120,000 people living with HIV
B: 11,000 new HIV infections in 2024
C: 3400 Aids related deaths in 2024

Data - Card 12

Prompt: 2 % of pregnant women on ART?

A: 27% of pregnant woman are on ART
B: HIV testing during pregnancy prevents transmission to baby
C: Only 3 in 10 pregnant women know their HIV status

Action - Card 1

Prompt: Encourage coworker to test for HIV

A: Compassionate encouragement
B: Testing is first step
C: PNG stigma is high; leaders set tone

Action - Card 2

Prompt: Explain importance of TB screening

A: Emphasize early detection
B: TB+HIV coinfection is dangerous
C: PNG TB/HIV mortality high

Action - Card 3

Prompt: Reassure pregnant woman about ART

A: Safe and vital for baby
B: Adherence prevents transmission
C: PNG PMTCT counselling available

Action - Card 4

Prompt: Explain TB treatment completion

A: Prevents drug resistance
B: Adherence vital for cure
C: PNG struggles with adherence in remote areas

Action - Card 5

Prompt: Reduce stigma when discussing HIV

A: Use respectful, supportive language
B: Stigma prevents care-seeking
C: PNG stigma levels remain high

Action - Card 6

Prompt: Promote Hepatitis B vaccination

A: Prevents liver disease & HBV
B: Birth dose is critical
C: PNG immunization coverage uneven

Action - Card 7

Prompt: Motivate colleague to attend ANC

A: Stress mother & baby's health
B: ANC opens access to interventions
C: ANC attendance is low in remote PNG

Action - Card 8

Prompt: Explain follow-up visits importance

A: Detect complications, continue care
B: Ongoing care ensures success
C: PNG clinics encourage return visits

Action - Card 9

Prompt: Stress treatment adherence

A: Skipping doses causes resistance
B: Consistent dosing vital
C: PNG challenges include supply issues

Action - Card 10

Prompt: Encourage knowing HIV status

A: Testing safe, actionable
B: Status enables prevention/treatment
C: PNG awareness campaigns promote testing

Action - Card 11

Prompt: Demonstrate the simple stop the spread of hepatitis B

A. *Wash your hands thoroughly with soap and water after any potential exposure to blood*
B. *Use condoms with sexual partners*
C. *Avoid direct contact with blood and bodily fluids*

Action - Card 12

Prompt: Demonstrate approaching a colleague who has been coughing for too long.

A. *Privately approach your colleague*
B. *Express your concern kindly*
C. *Refer then to the TB Clinic*