

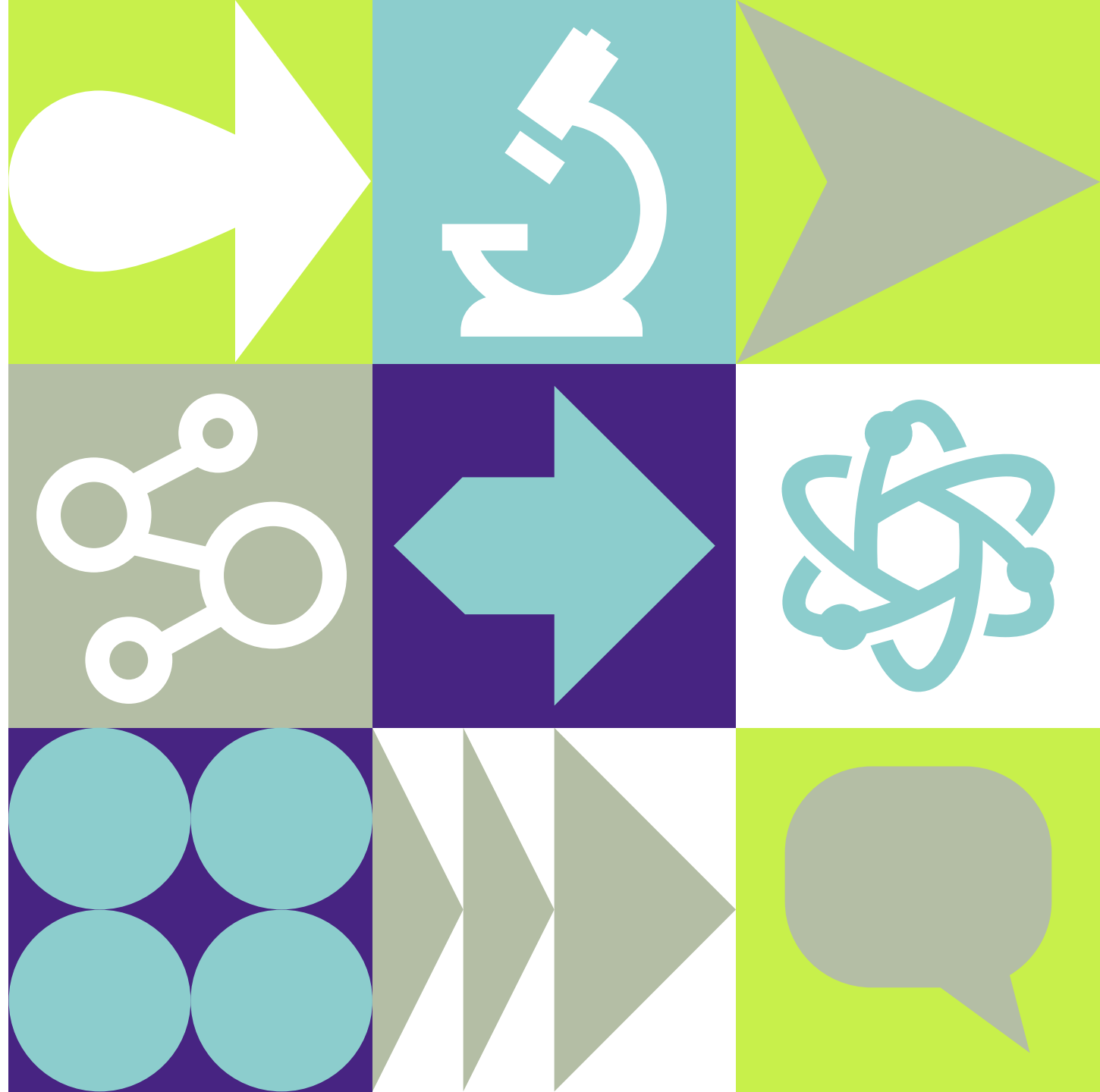


 **IAS 2021**

Test-and-Share Program: An Innovative Model for HIV Prevention in Men Who Have Sex with Men in Beijing, China

Presenter: JIN XIA

AIDS Healthcare Foundation (AHF)



Health code

Authorized Test Report

plus

Palmpoint

Equal to

Health Code



Background

The proportion of men who have sex with men (MSM) accounted to over half of newly reported HIV/AIDS cases in Beijing.

With the country's scale-up of efforts in HIV/AIDS prevention and control among MSM, HIV awareness rapidly increased (from 15.2% in 2009 to 65.4% in 2015), but condom use did not change significantly.

To address the dissociation between awareness and behavior among MSM, innovative prevention strategies to facilitate HIV testing and safe sex behavior are crucial.

- **Test-and-Share**

AIDS Healthcare Foundation (AHF)

Medical authorities in Beijing

April to November 2019

Authorized anonymized test report plus a **palmpoint** to produce

An exclusive personal health QR code (health code)

Share health code to disclose serostatus and encourage **safe sex behaviors**

● Results

486 MSM HIV-negative or status unknown

Median age: 31 (IQR, 26-37 years)

371 (76.3%) had at least received **college education**

193 (39.7%) had a monthly income > 1,400 USD

- At recruitment stage
HIV prevalence: **2.5%** (12/486)
- At follow up stage
Among 474 HIV-negative participants, 266 (56.1%) joined regular Test-and-Share with 1-4 follow-ups
- **No seroconverted** during the (third) follow-up

- Compared to three months before Test-and-Share
 - frequency of disclosure to partners increased by **15.0%** (46.7% vs. 31.7%, $\chi^2=15.7$, $p<0.0001$)
 - receiving HIV-status from partners increased by **5.9%** (63.4% vs. 57.5%, $\chi^2=2.09$, $p=0.15$)

Conclusions

- Effective prevention strategy for accessing high-risk MSM
- Deserve scale up

Thank you