



HOME HIV TESTS- HOW GOOD ARE THEY (AND IS THIS A GOOD IDEA?)

Presented by:

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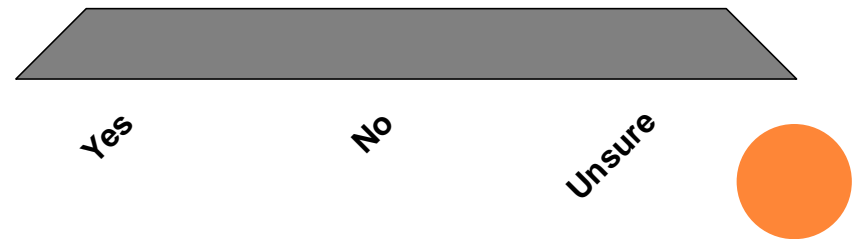
CONFLICT OF INTEREST

- I have no conflict of interest.
- I am not paid by, nor endorse, the kits I am going to be speaking on.



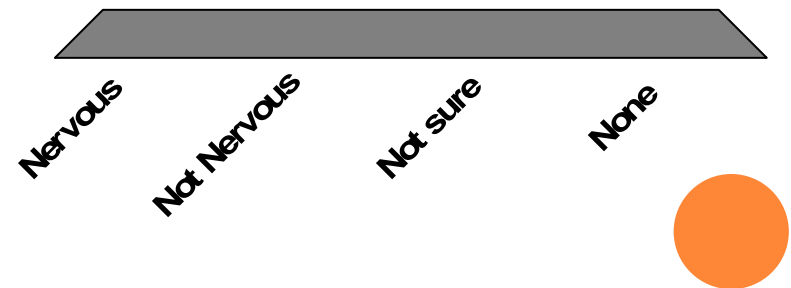
I HAVE BEEN TESTED FOR HIV

- A. Yes
- B. No
- C. Unsure



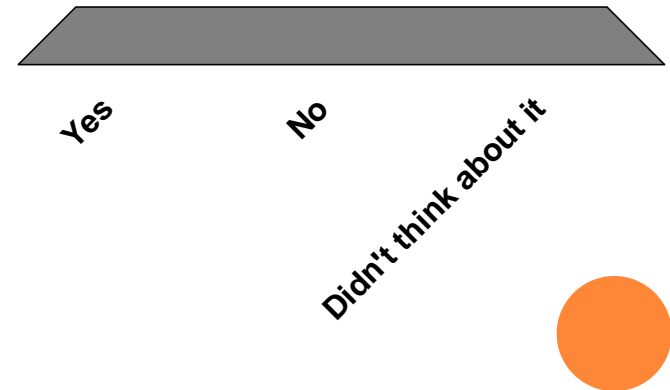
FOR THOSE OF YOU WHO HAVE BEEN TESTED, WERE YOU

- A. Nervous
- B. Not Nervous
- C. Not sure about my emotions
- D. Had no emotions about it



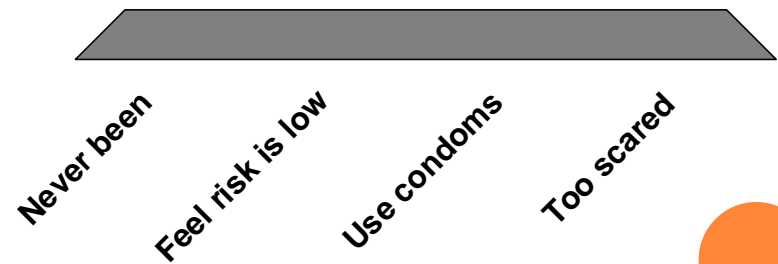
FOR THOSE OF YOU WHO HAVE BEEN TESTED, WERE YOU CONCERNED ABOUT CONFIDENTIALITY?

- A. Yes
- B. No
- C. Didn't think about it



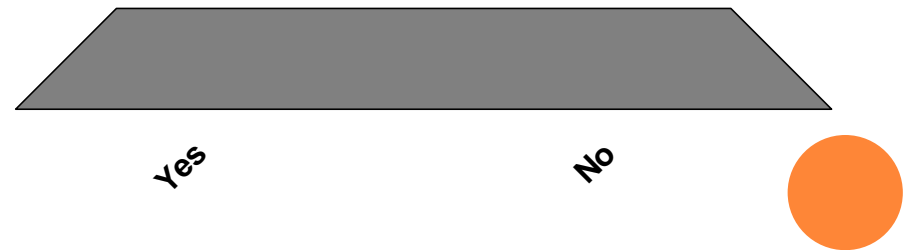
FOR THOSE OF YOU THAT HAVE NOT BEEN TESTED FOR HIV, WHAT IS YOUR NUMBER ONE REASON WHY?

- A. Never been sexually active with another person.
- B. Have been sexually active but don't feel my risk is high.
- C. Always use condoms and therefore feel 100% secure in my exposure.
- D. Too scared to get tested.



ARE YOU AWARE THAT THERE IS AN AT HOME COMPLETE TEST FOR HIV AVAILABLE NOW?

- A. Yes
- B. No



WOULD YOU PREFER TO TEST YOURSELF/PARTNER AT HOME?

A. Yes

B. No



DO YOU KNOW *WHERE* YOU CAN PURCHASE AN AT HOME HIV TEST?

- A. Yes
- B. No



HISTORICAL TIMELINE OF HIV/AIDS AND HIV TESTING IN THE U.S.

- 1981 First AIDS case reported
- 1984 HIV identified
- 1985 First test for HIV licensed (ELISA)
- 1987 First Western Blot test kit
- 1992 First rapid test
- 1994 First oral fluid test
- 1996 First HOME and URINE tests (mail in kits)



HISTORICAL TIMELINE OF HIV/AIDS AND HIV TESTING IN THE U.S.

- 2002 First rapid test using finger prick
- 2003 First finger prick test granted CLIA waiver
- 2004 First rapid oral fluid test also granted CLIA waiver
- 2006 CDC recommends all sexually active adults be tested
- **2012 First Over the Counter Home Use HIV kit**
 - 16 years after the first mail in kit.



1996 HOME TESTS



Finger stick on blotter paper. Then mailed in. Results retrieved via phone or mail. Only tests for HIV 1. For adults 18 years old and up.



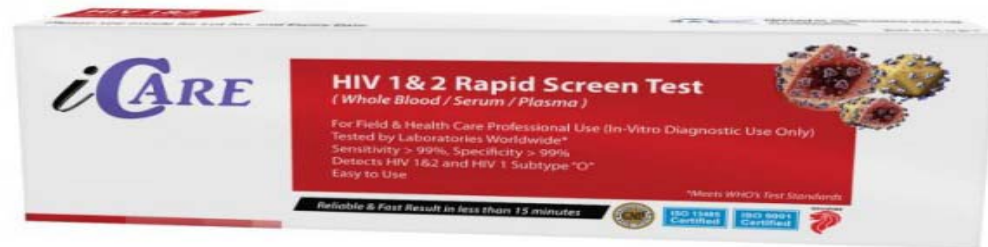
iCARE

(NOT MANUFACTURED IN THE U.S.)

Finger stick.
This uses one
or two drops of
blood on a
testing
cassette.

Results can be
seen within
15-20
minutes.

Tests for HIV
1/2



ICARE

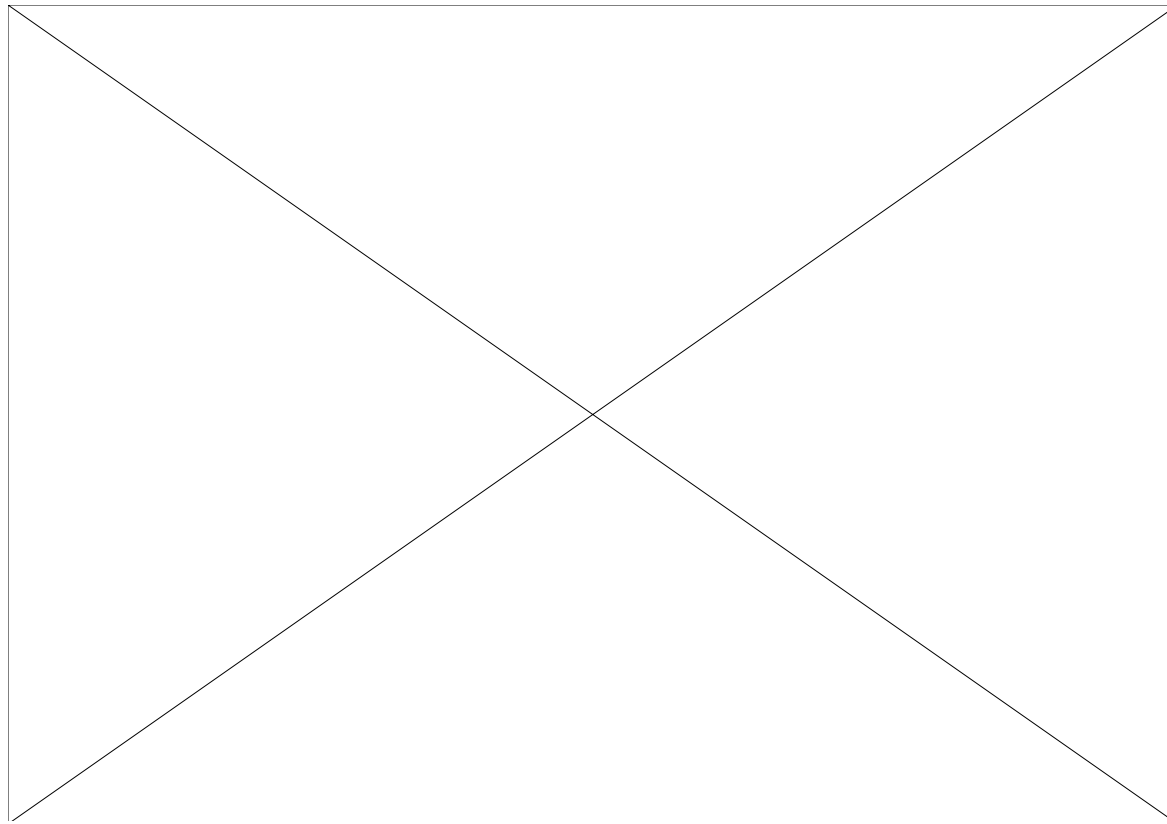
(NOT MANUFACTURED IN THE U.S.)

According to manufacturer and distributors advertisements

- WHO, USAID, NICD (S. Africa) certified.
- ISO 18435 and ISO 9001 certified.
- 98.8% sensitivity
- Made by JAL Innovation-Singapore
- 24 month shelf life.



VIDEO FOR ICARE



[Full screen view](#)

[YouTube](#)



ORAQUICK (FDA APPROVED)

This kit uses saliva. The collection stick is placed into a test tube.

Results within 15-20 minutes.

Tests for HIV 1/2



ORAQUICK (FDA APPROVED)

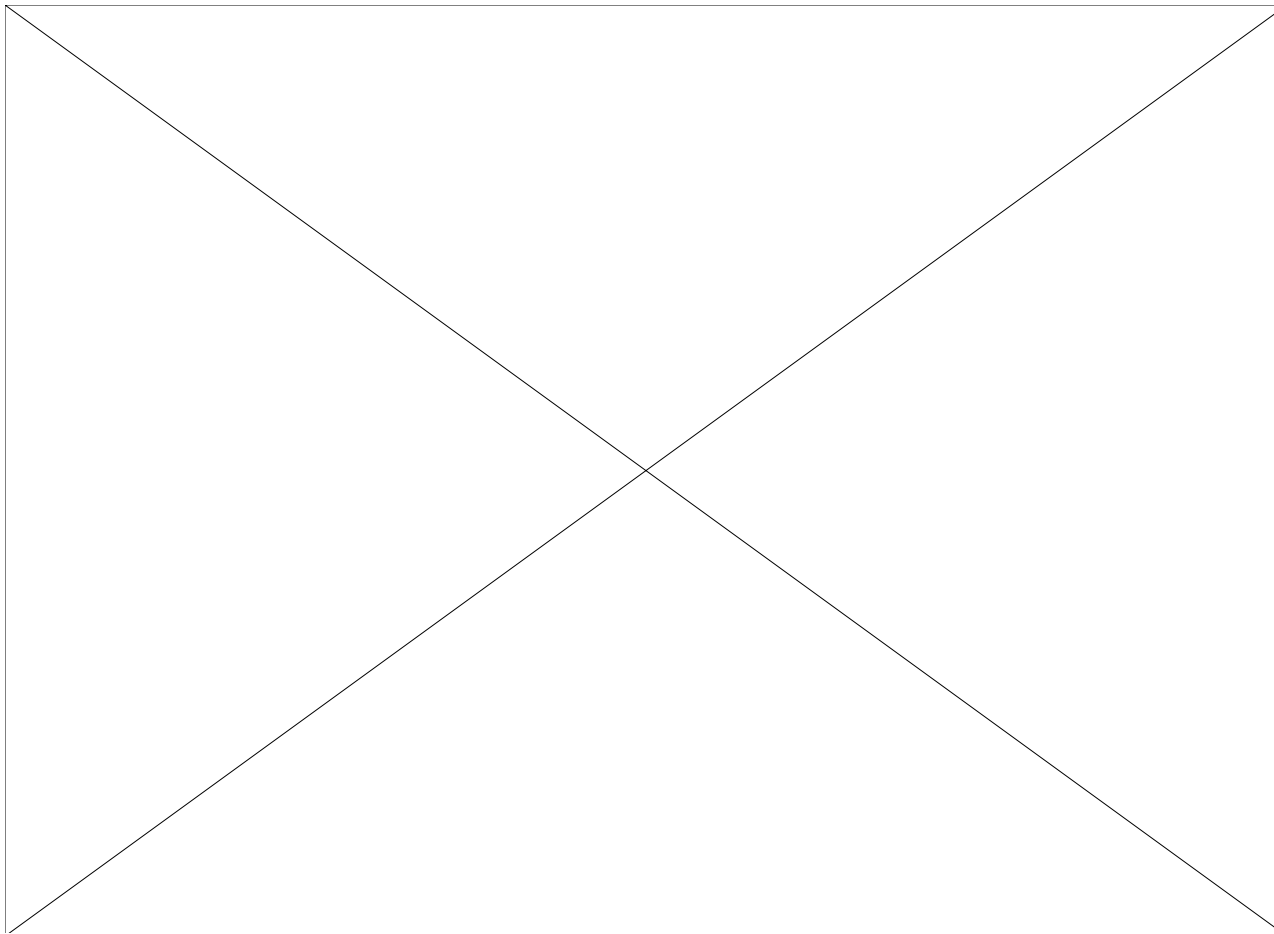
According to the CDC website

- Safe and *approved by the FDA* for use by adults (17 years of age or older).
- OraQuick is the first and only HIV test that delivers your results with all the comforts and privacy of home.
- False positives 1 out of 5000 tests.
- False negative 1 out of 12 tests.

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VIDEO FOR ORAQUICK



[Full screen view](#) [YouTube](#)

ARE THESE KITS EQUAL?

Both kits:

- Recommend repeat testing on a regular basis. (Every 3-6 months.)
- Come with detailed instructions.
- Have resources available for support.
- Recommend follow-up clinical testing for any positive results.
- Stress that a negative test does not necessarily mean a person is not infected and vice versa.



ARE THESE KITS EQUAL?

Consumers:

- Preferred home testing to going to a clinic.
- Preferred rapid saliva test to the blood-test kit.
 - Probably due to the finger stick
- Wanted to take the test home to their partner.



ARE THESE KITS EQUAL?

Limitations of both kits:

- Literacy
- Competency
 - Accuracy declined when self administered.
 - 99% and 98.5% blood and saliva respectively when supervised.
 - 93% for both without supervision.
- Results are self-interpreted.
- Follow-up visit to a professional after a positive test not guaranteed.

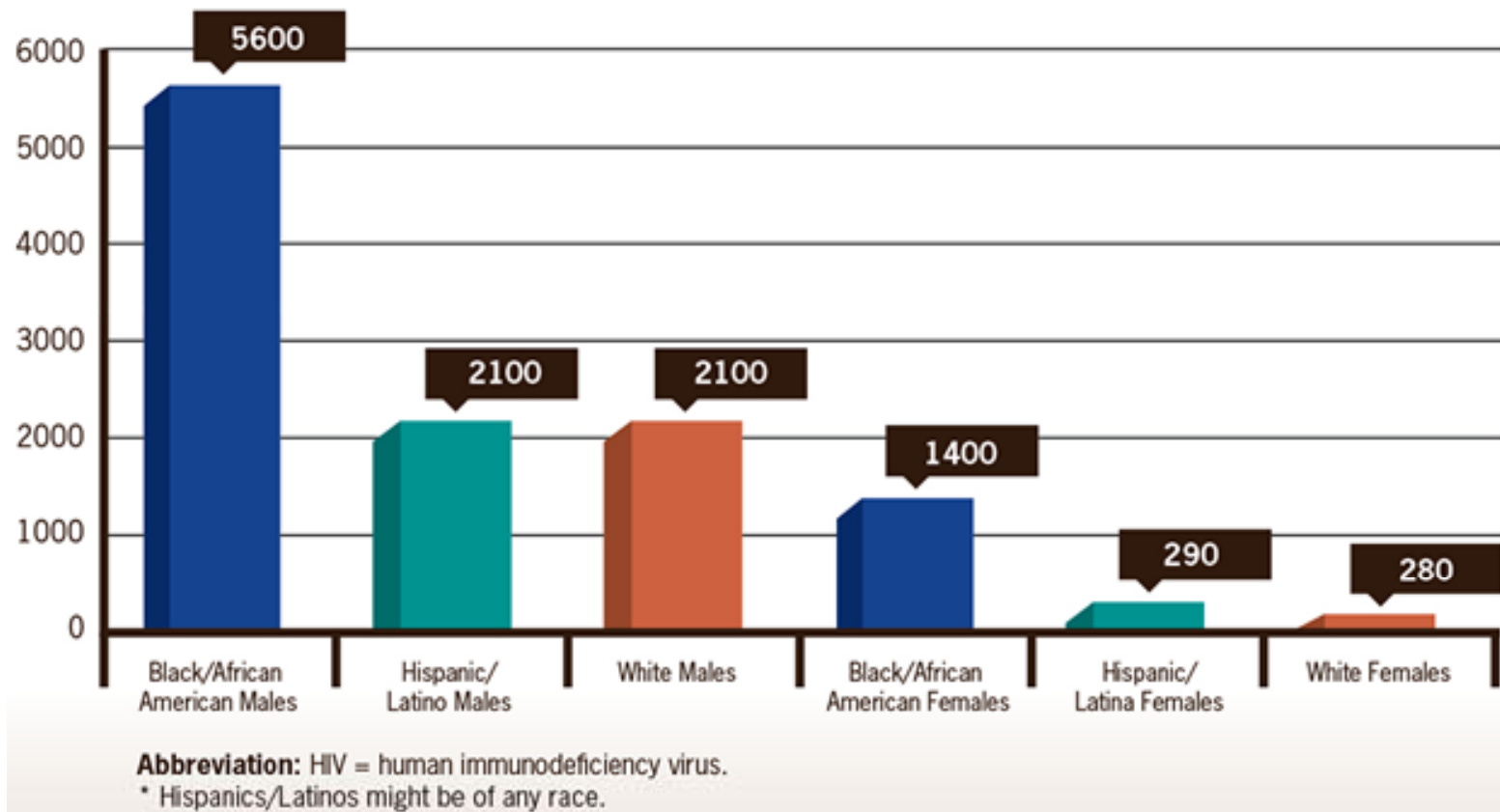


YOUTH IN THE U.S BY THE NUMBERS

- 1 in 4 new HIV cases are in youth ages 13-24 y/o
- 12,000 youth were infected in 2010.
- 60% of all youth, with HIV, do not know. (The rate is approximately 1/5 for all people.)
- Youth make up 7% of the 1 million people living with HIV in the U.S.
- Young men are *more* likely to become infected and *less* likely to be tested.



YOUTH IN THE U.S BY THE NUMBERS WRT ETHNICITY



CDC. Vital Signs: HIV Infection, Testing, and Risk Behaviors Among Youths - United States. MMWR 2012:61



WILL THESE KITS HELP?

- Awareness is key:
 - ⊙ Approximately 27% of people infected with HIV in the U.S. do not know. (CDC) This is as high as 50% globally (2012 UNAIDS report) and higher in youth.
- Overall prevalence is .45%, however can be higher depending on SES, education, and ethnicity.
- Research Institute of the McGill University Health Center (RI-MUHC) study showed self testing removes stigma and fear.



WILL THESE KITS HELP?

- Awareness is key:
 - Marketing of kits
 - Magic Johnson is spokesperson
- Availability
 - Where are they?
 - NCAP, Planned Parenthood, DOH -no
 - Pharmacies -no
 - On-line- yes (this is problematic)
- Cost
 - Range from \$35-60.



SUMMARY

- For these kits to be useful
 - People must know they exist.
 - They must be available and attainable.
 - They must be affordable.
 - They must be user friendly.
 - They must influence behavior positively.

