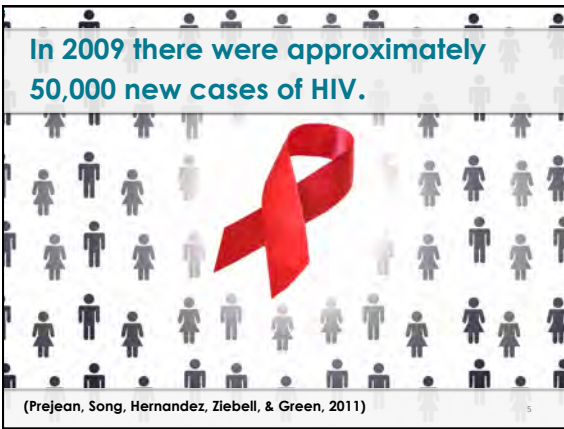


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Despite effective HIV management...

over the past **15** years, new HIV cases have appeared in the United States at a steady rate

In 2009 there were approximately 50,000 new cases of HIV.



(Prejean, Song, Hernandez, Ziebell, & Green, 2011)

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Knowledge of HIV Status- Transmission Rates

- Nearly **21% of persons who are HIV infected are unaware of their infection**
(Campsmitth, Rhodes, Hall, & Green, 2010)
- And the majority of new HIV infections are transmitted by these individuals**
(Marks, Crepaz, Janssen, 2006)

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HIV and Substance Abuse

- In 2009, 9% of the new cases of HIV/AIDS were attributed to transmission through injection drug use.

(Prejean, Song, Hernandez, Ziebell, & Green, 2011)

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HIV and Substance Abuse



Methamphetamine and amphetamine abuse is widespread and their use is associated with high risk sexual behaviors.

(Degenhardt, Mathers, Guarinieri, Panda, et al., 2010)

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HIV and Substance Abuse

- Studies show that there is a high HIV prevalence among persons who are in substance abuse treatment programs,
- ranging from over 3% in non-injection drug users (non-IDUs) to 27% in IDUs.

(Degenhardt, Mathers, Guarinieri, Panda, et al., 2010)
 (Des Jarlais, Arasteh, Perlis, Hagan, Abdul-Quader, Heckathorn, McKnight, Bramson, Nemeth, Torian, & Friedman, 2007)
 (Prevots, Allen, Lehman, Green, Petersen, Gwinn, 1996)

Despite this high prevalence and the known, well-established link among substance use, sex risk behaviors, and HIV



fewer than half of U.S. drug treatment programs offer HIV testing on-site

Pollack & D'Aunno, 2010; Substance Abuse and Mental Health Services Administration, 2010; and, Brown Jr, Kriz Goldsmith Bini Robinson Alderson, 2007

10

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Advances in rapid HIV testing technology


- allows for HIV testing to be more readily accessible with faster results
- minimizes loss to follow-up and ensuring that those who are tested receive their results.




11

Test results can now be obtained within community settings in as little as

1-20 minutes.



12



ONE HOUR

- five minutes to explain the test
- 20 to 40 minutes get the results
- five minutes to explain the results

13

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Availability of Onsite Rapid Testing

- Provides persons who test positive with preliminary information about their HIV status
- Allows people to get the care they need to slow the progression of their disease
- Encourages people to take precautionary measures and medications that help prevent the spread of the HIV virus.

14

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The Rapid HIV Test



15

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Types of HIV Tests

Test Kit Name	Manufacturer	Specimen Type	CLIA Category	Equipment Required
OralQuick Advance Rapid HIV-1/2 Antibody Test	OrasureTechnologies, Inc.	Whole Blood, Oral Fluid	Waived	Timer
		Plasma	Moderate Complexity	
Reveal G3 Rapid HIV-1 Antibody Test	MedMira, Inc.	Serum, Plasma	Moderate Complexity	Centrifuge, Refrigerator
Uni-Gold Recombigen HIV Test	Trinity BioTech	Whole Blood	Waived	Timer
		Serum, Plasma	Moderate Complexity	
Multiplex HIV-1/HIV-2 RapidTest	Bio-Rad Laboratories	Serum, Plasma	Moderate Complexity	Centrifuge, Refrigerator, Lab Equipment
Clearview HIV 1/2 Stat Pak	Inverness Medical Professional Diagnostics	Whole Blood	Waived	Timer
		Serum, Plasma	Moderate Complexity	
Clearview Complete HIV 1/2	Inverness Medical Professional Diagnostics	Whole Blood, Serum, Plasma	Moderate Complexity*	Timer

16



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HIV Rapid Testing & Counseling Study

Was conducted in substance abuse treatment programs representing all different levels of care:

- outpatient psychosocial
- intensive outpatient
- outpatient narcotic replacement
- residential programs

18



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HIV Rapid Testing & Counseling Study

- Adults who were HIV-negative or whose status was unknown and who reported no HIV testing in the last 12 months were assigned randomly to three study conditions:
- referral for off-site HIV testing;
- on-site rapid HIV testing with brief, risk-reduction counseling (based on RESPECT-211); or
- on-site rapid testing with verbal information about testing only.

20

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HIV Rapid Testing & Counseling Study

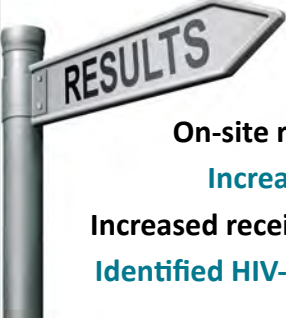
More than 80% of those tested on-site received their test results as compared with only 18% who followed through when referred to an external resource for testing

Metsch, L.R., Feaster, D.J., Gooden, L., Matheson, T., Mandler, R.N., Haynes, L., Tross, S., Kyle, T., Gallup, D., Kosinski, A.S., Douaihy, A., Schackman, B.R., Das, M., Lindblad, R., Erickson, S., Korhuis, P.T., Martino, S., Sorensen, J.L., Szapocznik, J., Walensky, R., Branson, B. and Colfax, G.N., In Press.

21

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HIV Rapid Testing & Counseling Study




On-site rapid HIV testing:
Increased testing rates
Increased receipt of test results
Identified HIV-infected persons

22

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HIV Rapid Testing & Counseling Study

Providing brief, client-centered counseling to high risk drug users did not have an effect on the sexual risk behaviors of persons who tested negative




Metsch, L. op. cit.

23

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HIV Rapid Testing & Counseling Study

Support the implementation of routine rapid HIV testing with information only (and not test-specific counseling) in different types of treatment settings in substance abuse treatment programs



24

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The Cost Study

Goal of Study:
Measure the cost to substance abuse treatment programs of implementing the HIV testing strategies and cost-effectiveness from a societal perspective


Schackman BR, Metsch LR, Colfax GN, Leff JA, Wong A, Scott CA, Feaster DJ, Gooden L, Matheson T, Mandler RN, Haynes LF, Paltiel AD, Walensky RP., 2011.

25

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The Cost Study


Cost of on-site rapid HIV testing with information only was approximately \$36 per rapid test offered



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The Cost Study


Set-up costs for obtaining a Clinical Laboratory Improvement Amendments (CLIA) certificate of waiver, purchasing equipment, establishing linkages to local HIV medical care, and other administrative tasks cost each program on average, **\$2,000**



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The Cost Study

Cost-effectiveness ratio of **\$60,300** per quality-adjusted life year (QALY) compared to the current US threshold whereby anything up to **\$100,000** per QALY is cost-effective



28

Implementation Study



Haynes, L. F., Korte, J. E., Holmes, B. E., Gooden, L., Matheson, T., Feaster, D., J., Leff, J. A., Wilson, L., Metsch, L.R., & Schackman, B. R., 2010

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Implementation Study

- Clients were receptive to the offer of testing, even without the compensation that was built into the research protocol

30

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Implementation Study

- Value of project leadership and persistent effort requiring a “champion” for the proposed change can play an important role in project start up and successful implementation.

31

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Implementation Study

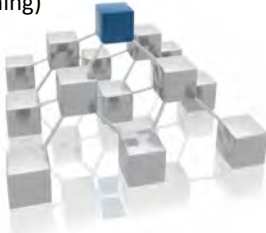
- Many substance abuse treatment agencies will need access to non-typical funding streams to support testing services, and state or national level technical assistance may be required for agencies to become familiar with and successful in accessing these funds.

32

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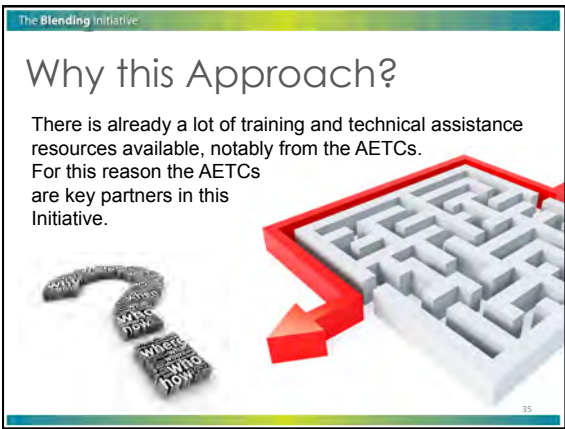
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- Motivational email
- Brief video (not a training)



33







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Awareness Video

H. Westley Clark, MD, J.D., M.P.H., CAS, FASM
Director, Center for Substance Abuse Treatment (CSAT)

Jeffrey Lopez, MD
Lisa Morris, Ph.D.
Justin Gonzalez
Eric Neeley
Louise Raphael, M.D.

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Fact Sheet

HIV Rapid Testing Fact Sheet

Key Messages

HIV-1 Rapid Testing and Counseling Today

HIV-1 Risk

Children

38

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Rack Card

HIV Rapid Testing in Substance Abuse Treatment Programs

Key Message

Blending Initiative Products


QR Code

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39

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Resource Guide



Center for Disease Control and Prevention (CDC)
Division of HIV/AIDS Prevention, National Center for HIV/AIDS, Dermatology, and STD Prevention

Scope and History of Expansion of HIV Rapid Testing
The history of HIV rapid testing in the United States dates back to the late 1970s when the first rapid test was developed. Over the years, the technology has improved significantly, leading to the development of the HIV-1 Rapid Test in 2004. This test was the first to be approved by the FDA for use in community settings. The CDC has since supported the expansion of HIV testing through various initiatives, including the HIV-1 Rapid Test in 5 Minutes program.

Key Findings
The CDC has found that the HIV-1 Rapid Test in 5 Minutes program is highly effective and safe. It is also easy to use and requires minimal training. The program has been shown to increase HIV testing rates and reduce HIV-related deaths.

5 Minutes to Know Your HIV Status
This program allows people to know their HIV status in just 5 minutes. It is a simple, safe, and accurate test that can be used in community settings. The test is available in many languages and is easy to use.

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AETC Partnership

The AETC's role in many state and territory. The Program includes 11 regional testing centers with over 100 local performance sites and 3 national centers.



United your Regional AETC for Partner Information:

State/Territory AETC	Country/Overseas AETC	Alaska AETC
Alabama AETC	Armed Forces AETC	
Arizona AETC	Guam AETC	
Arkansas AETC	Hawaii AETC	
California AETC	Idaho AETC	
Colorado AETC	Iowa AETC	
Connecticut AETC	Illinois AETC	
Delaware AETC	Indiana AETC	
District of Columbia AETC	Iowa AETC	
Florida AETC	Kansas AETC	
Georgia AETC	Louisiana AETC	
Hawaii AETC	Maine AETC	
Idaho AETC	Maryland AETC	
Illinois AETC	Massachusetts AETC	
Indiana AETC	Michigan AETC	
Iowa AETC	Minnesota AETC	
Kansas AETC	Mississippi AETC	
Kentucky AETC	Montana AETC	
Louisiana AETC	Nebraska AETC	
Maine AETC	Nevada AETC	
Maryland AETC	New Hampshire AETC	
Massachusetts AETC	New Jersey AETC	
Michigan AETC	New Mexico AETC	
Minnesota AETC	New York AETC	
Mississippi AETC	North Carolina AETC	
Montana AETC	North Dakota AETC	
Nebraska AETC	Ohio AETC	
Nevada AETC	Oklahoma AETC	
New Hampshire AETC	Oregon AETC	
New Jersey AETC	Rhode Island AETC	
New Mexico AETC	South Carolina AETC	
New York AETC	South Dakota AETC	
North Carolina AETC	Tennessee AETC	
North Dakota AETC	Texas AETC	
Ohio AETC	Utah AETC	
Oklahoma AETC	Vermont AETC	
Oregon AETC	Virginia AETC	
Rhode Island AETC	Washington AETC	
South Carolina AETC	West Virginia AETC	
South Dakota AETC	Wisconsin AETC	
Tennessee AETC	Wyoming AETC	
Texas AETC		
Utah AETC		
Vermont AETC		
Virginia AETC		
Washington AETC		
West Virginia AETC		
Wisconsin AETC		
Wyoming AETC		

AETC
Advisory, Education, Training, and Compliance



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Web Page



Home | **About Us** | **How to Get It** | **How to Help Us** | **How to Report Us** | **FAQ** | **Contact Us**

Welcome to the HIV Rapid Testing in 5 Minutes Timeline Program. The program allows people to know their HIV status in just 5 minutes. It is a simple, safe, and accurate test that can be used in community settings. The test is available in many languages and is easy to use.

Fast Link!
Resource Guide
Working Account

Background Information | **Organization Structure** | **Key Partners**

Background Information
HIV is a leading cause of death and disability in the United States. The CDC is committed to reducing the impact of HIV through various initiatives, including the HIV-1 Rapid Test in 5 Minutes program.

Organization Structure
The program is managed by the CDC and is supported by various partners, including state and territorial health departments.

Key Partners
The program is supported by several key partners, including the SAMHSA, NIDA, and the CDC.

Working Account
The program is supported by several key partners, including the SAMHSA, NIDA, and the CDC.



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HTML Email




43

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The Email Dissemination (May 1)

- ATTCs
- SAAS (State Associations of Addiction Services)
- CTN
- SAMHSA



44

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Our Partners



45

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Your Ideas

Do you have any other ideas or leads for disseminating the email?

46

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47

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48

