

Alaska ID ECHO: Rapid Testing and Resources February 13, 2024

This project is funded by the Minority HIV/AIDS Fund through the Indian Health Service.

Welcome to Alaska Infectious Disease ECHO: HCV, HIV, PrEP, STIs

Approved Provider Statements:



In support of improving patient care, Alaska Native Medical Center (ANMC) is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC), to provide continuing education for the healthcare team.

CPE Credit will be posted to the online CPE Monitor system within 60 days following completion of each activity when applicable.

The ANMC Joint Accreditation CE Program Portfolio additionally supports Behavioral Health (APA), Social Work (ASWB-ACE), and Dietitians (CPEU).

Contact Hours:

ANMC designates this activity for a maximum of 12 contact hours, including 3 total pharmacotherapeutics contact hours, commensurate with participation.

Financial Disclosures:

Youssef Barbour, MD and Lisa Townshend-Bulson, APRN / faculty for this educational event, are primary investigators in an ANTHC sponsored hepatitis C study funded in part by Gilead Sciences. All of the relevant financial relationships listed have been mitigated.

Requirements for Successful Completion:

To receive CE credit please make sure you have actively engaged in the entire activity, your attendance is recorded by the facilitator, and complete the course evaluation form found here: https://forms.gle/18t4EqvN2WdnM4P77



For more information contact jlfielder@anthc.org or (907) 229-1185



Rapid Testing and Resources in Alaska



- Please share where you are joining from in the chat
- Speaker Panel
 - Dept. of Health HIV STI Program, Dr. Ohlsen
 - Kachemak Bay Family Planning Center, Dr. Holmes
 - Interior AIDS Association, Maya Bowers
 - Anchorage Health Department, Deb Blanchard, RN
 - ANTHC iKnowMine.org, Phines Edwards
 - Q&A





Rapid Testing to Prevent Congenital Syphilis in Alaska

Elizabeth Ohlsen, MD

Acting program manager, HIV/STD program

Alaska Division of Public Health

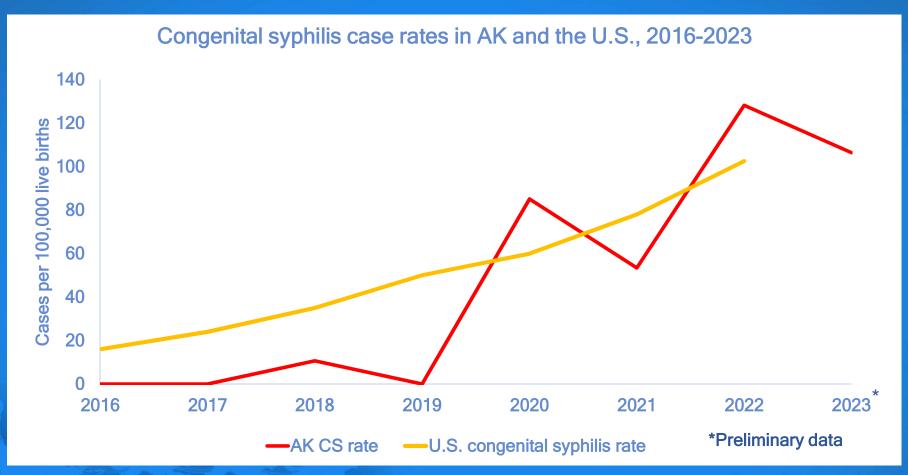


WHAT IS SYPHILIS?

- Caused by a bacterium (*Treponema pallidum*).
- Sexually transmitted, including kissing or skin-to-skin contact
- Can also be transmitted to the fetus during pregnancy



CONGENITAL SYPHILIS RATES ARE VERY HIGH.



CONGENITAL SYPHILIS IS PREVENTABLE.

EARLY DETECTION AND TREATMENT ARE KEY.



SYPHILIS TESTING DURING PREGNANCY

- Minimum 3 tests during pregnancy
 - First trimester
 - Third trimester
 - At delivery
- Test higher risk women at each healthcare contact
 - ED visit
 - Urgent care visit
 - Behavioral health
 - Substance use treatment



SYPHILIS TESTING IN NON-PREGNANT PATIENTS

- Sexually active women of reproductive age should be tested for syphilis at least once
- Test their partners as well
 - Includes most sexually active men of reproductive age
- Test again with each new partner
- If multiple partners or other risk factors, test regularly (every 3-6 months)



EXPANDING RAPID TESTING

- Tests run in as little as 10 minutes
- Tests cost as little as \$10
- Can help guide same-visit treatment
- A limited supply of starter kits is available through DPH



Image: https://www.diagnosticsdirect2u.com/product/1/syphilis-health-check



RAPID TESTING CONSIDERATIONS

- Patient has never tested positive for syphilis in the past
 - Test will be positive if they have ever had syphilis
- Any one of the following:
 - Pregnancy
 - STI or partner with STI in the past 12 months
 - New or multiple partners in the past 12 months
 - Unstable housing/homelessness in the past 12 months
 - Experiencing substance misuse
 - Justice-involved in the past 12 months
 - Facing other barriers to follow-up



PREPARING FOR RAPID TESTING

- Ask the patient if they have been tested for syphilis previously
 - If yes, ask when, where, and result
- Ask about signs and symptoms
 - Document, including timeline. Consider treatment regardless of rapid test result
- Ask about a known exposure in past 90 days
 - If yes, provide treatment regardless of test result
 - A negative test does not rule out syphilis, which can incubate for up to 90 days
- Discuss that results are preliminary and more testing will be needed if positive, although treatment may be offered. Prepare to draw confirmatory testing and to do other STI tests



RAPID TESTING USE

Step 1: Collect specimen

 Wipe finger with alcohol pad.



B. Prick finger using sterile lancet.



C. Remove first drop of blood.



D. Collect blood using pipette.





RAPID TESTING USE

Step 2: Run the test

- A. Add blood to sample well by squeezing bulb on pipette.
- B. Slowly add four (4) drops of diluent to the sample well.



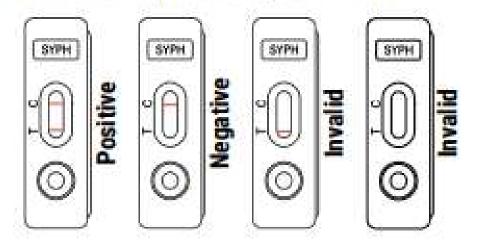
C. Set timer for 10 minutes.





RAPID TESTING USE

D. Read results no sooner than 10 minutes, and no later than 15 minutes. Any line in the 'T' zone, even if faint, accompanied by a line in the 'C' zone should be interpreted as a positive result.





IF THE TEST IS REACTIVE (POSITIVE)

- Ensure confirmatory testing is collected (RPR and lab-based treponemal, as well as other STI testing)
- Determine pregnancy status
- Determine penicillin allergy status
- Obtain a sexual history (partners, practices, protection, past history, pregnancy intention)
- Collect current contact information
 - When possible, also names and contact information for partner(s)
- Consider presumptive treatment



PRESUMPTIVE TREATMENT

- Bicillin: 2.4m units IM
 - 1 dose in primary, secondary, or early latent stage
 - 2 doses 1 week apart in pregnancy
 - 3 doses 1 week apart in late syphilis
- Doxycycline if penicillin allergy
 - Cannot use in pregnancy
 - 100mg twice a day x14 days
 - 100mg twice a day x28 days in late syphilis
- Neurosyphilis: 10-14 days IV penicillin
- Offer STI/HIV testing, pregnancy testing, HIV PrEP





IF HISTORY IS UNCERTAIN

- Consider calling the HIV/STD program for additional history
 - Previous test results
 - Previous treatment history
 - May be able to reach out to other states
- Call 907-269-8000 (ask to speak with a DIS)





HELP US TRACK AND INVESTIGATE SYPHILIS

- To report a case, use the case report form:
 https://health.alaska.gov/dph/epi/pages/default.aspx
- Call 907-269-8000 (ask to speak with a DIS)

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PATIENT INFORMATIO	N.											
LAST NAME			FIRST NAME, MI			PREFERRED NAME			DATE OF BIRTH			
			11						MO	DAY		YR
ADDRESS				CITY						STATE	ZIP	CODE
TELEPHONE EMAIL					ENGLISH SPEAKING? • Yes • No (Lang			CURRENTLY PREGNANT? O Unknown O Yes Weeks O No				
SEX ASSIGNED AT BIRTH O Male O Female O Intersex O Refused	GENDER IDENTITY O Male O Female O Nonbinary/Genderqueer O Other:				O Hispanic O Non-Hispanic O Unknown			eck all that apply) Asian Other can Indian/Alaska Native Hawaiian/Other Pacific Islander				
O Referred by Partner ☐ Male O DIS Referral ☐ Fema			inary / Genderqueer 🔲 Unknown		gender gende	er MTF O Preliminary (O New diagnos O Previous diag O Negative (lab						CURRENTLY ON PrEP? O Yes No OUnknown

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dical evaluation:	Other
DIAGNOSING CL	LINICIAN
CITY	STATE ZIP
PERSON COMPLETING	G FORM
	DIAGNOSING C

2021 Entered By Date Entered



QUESTIONS?

Call the HIV/STD program: 907-269-8000

Email me: elizabeth.ohlsen@alaska.gov

Fax us STD case report forms:

https://health.alaska.gov/dph/epi/pages/default.aspx

Visit our website: https://health.alaska.gov/dph/Epi/hivstd/

See the list of reportable diseases: https://health.alaska.gov/dph/epi/pages/pubs/conditions/



Syphilis Testing Experience

Kachemak Bay Family Planning Clinic



In-Clinic Testing

Standard care is phlebotomy:

- CDC testing recommendations very risk based
- Only one staff member able to do phlebotomy
- Troubles with specimen transport and stability
- Low uptake of clients desiring phlebotomy services

KBFPC performed RPR serum tests on:

- 88 between 1/2020 and 1/2022
- 38 between 2/2022 and 2/2024





First Purchase of syphilis antibody test 2.14.2022



Format	20 tests per kit
Sample	Whole blood, serum or plasma
CLIA Complexity	Waived for Finger- stick whole blood only
Accuracy	97.6% agreement to other treponemal tests
Procedural Steps	2
Time to Result	10 minutes
Storage	Room temperature
CPT Code	86780QW

Syphilis Health Check kit contains everything required to perform 20 tests.

- Syphilis Health Check test devices 20
- Disposable plastic fixed volume pipettes 20
- Diluent in dropper bottle containing saline buffer, detergent and sodium azide (NaN3 < 0.1%) 5ml

Details direct from manufacturer



Rapid Testing Impact

- 189 POC syphilis antibody tests since obtaining fingerstick testing capability
- 626 GC/CT tests in same time period
- 330 POC HIV tests in same time period





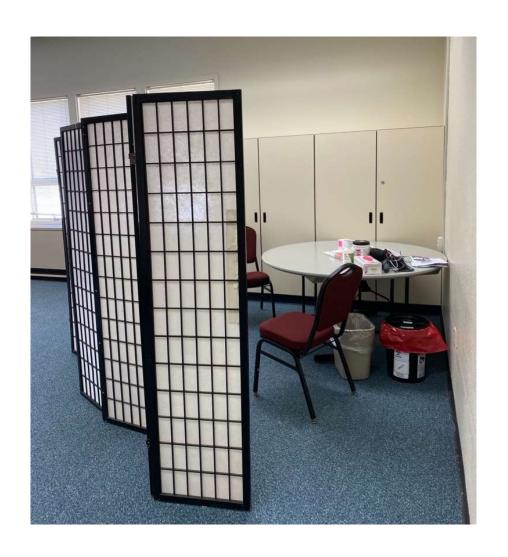
Pop-Up Clinics

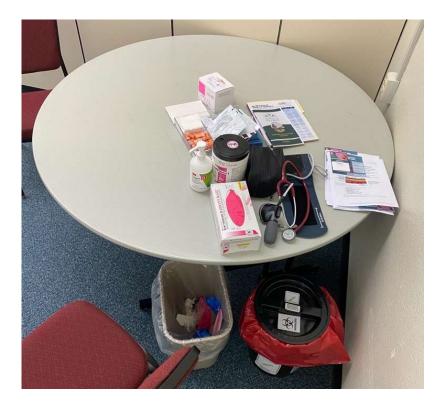
Mobile clinics for mobile populations
More spontaneous encounters
Reaching "high risk" populations
Community outreach partnerships
Increased staff autonomy

Less demographic information
Less desire to fill out paperwork
Confidentiality concerns
Reimbursement rates
Hazardous waste
Follow up plan











TESTING SERVICES



Improving lives through harm reduction



20 MINUTE ORASURE TESTS

HIV and Hepatitis C In person





1 MINUTE INSTI BIOLYTICAL TESTS

HIV only In person





20 MINUTE ORASURE AT HOME TESTS

HIV only

Can be mailed anywhere in Alaska at no cost

Or

Picked up at our downtown office





HOW TO CONTACT US

In person testing Monday – Thursday 10:00am to 3:00pm

At Home Testing
Call or pick up
Monday-Friday
10:00am to 3:00pm

710 3rd Avenue, Fairbanks 907-452-4222 Ext. 116





Safer Substance Use



SAFE MEDICATION DISPOSAL SUPPLIES



OVERDOSE RESPONSE KIT



HARM REDUCTION KIT

Medication Assisted Treatment Toolkit

Empowering Recovery from Substance Use Disorders in Rural Alaska



MEDICATION ASSISTED TREATMENT TOOLKIT



SAFER SUBSTANCE USE SUPPLIES





SUBSTANCE USE EDUCATION



Sexual Health & Wellness



PERSONAL CONDOM PACK



CONDOMS FOR ORGANIZATIONS



HIV SELF-TEST KIT



STI SELF-TEST KIT



ORAL DAMS FOR PERSONAL USE



SEXUAL HEALTH PRINTED MATERIALS



Self-Test Kits



HIV



STIs - IWantTheKit.org







HIV Self-Test Kit

- For Alaskans 17 years of age and older
- Mailed in discreet packaging
- > ANTHC HIV Clinical Services provider available for follow up and linkage to care





HIV Self-Testing Kit: Next Steps

With positive results, you can still live a long and healthy life. We can get through this!

Finding out that you're HIV positive* can be a lot to process. You are not alone. People with HIV can live happy lives with families and other relationships. HIV is manageable with regular medical care and healthy habits. Getting medical treatment right away is key.

*A positive test result is not confirmed until you get a blood test. Contact your provider right away for a follow up test.

The next steps:

- Get a blood test to confirm your results
- Seek medical care
- Stay current and consistent with HIV medication

Visit iknowmine.org for more information on how to red free condoms, educational materials and a sexually tr Visit iknowmine.org for more information on how to reduce your risk of infection, as well to order free condoms, educational materials and a sexually transmitted infection (STI) self-testing kit.

Yay! Let's keep it that way

You tested negative! Great news! How can we keep it that way? Learning the basics of HIV prevention leads to establishing clear boundaries and safe practices with partners, keeping everyone safer. You can greatly reduce your risk of infection in the future by embracing a few key practices.

ANTHC's Early Intervention Services will follow up with you within two weeks of your order, regardless of your results, to assist with:

- Referrals to Alaska-based
- How to understand results
- PrEP information to prevent HIV

AFTER OPENING THIS KIT

the kit closely.

bottom gum

avoid spills

1. Follow the instructional flip-book in

· Do not touch the end of the testing

· Swipe only once across the top and

Keep the testing liquid upright to

· Start timer as soon as you put the

2. For accurate results, keep these

swab with your fingers

important tips in mind:

HIV Self-Testing Kit Quick Start Guide

If you have questions about testing or would like someone on the phone as you take the test, call OraQuick at 1-866-436-6527.

Total estimated time to complete test: 55 minutes

BEFORE OPENING THIS KIT

ANTHC's Early Intervention Services

will follow up with you within two

weeks of your order to assist with:

Referrals to Alaska-based

- Watch a five-minute demonstration video on how to use the kit, or refer to the offline guide if you selected that
 - · Visit this web page for the video: lil. ms/7nm2
 - · Find a private, well-lit area with a flat surface, such as a desk, table or counter, where you can stay for up to
- 2. Bring these items:
- OraQuick testing kit
- · Timer, such as a smartphone or
- · Phone to call OraQuick, if needed
- · Scissors or knife to open kit packaging
- · Reading glasses, if needed

- 3. For accurate results, ensure it has been at least 30 minutes since:
- Drinking
- · Eating (including gum, mints, tobacco and cough drops)
- · Brushing teeth
- Wearing dentures
- Using oral products
- 4. Open packaging





swab in the testing liquid Check results within 20-40 minutes Note: Results may be inaccurate after 40 minutes.

- 4. Here are suggested activities while you wait for your results:
- · Read the provided material on HIV
- · Go for a short walk
- · Talk on the phone with friends and
- · Remember: Keep track of time

5. Call OraQuick at 1-866-436-6527 for immediate help on how to understand your results and to find treatment resources, if necessary.

- If you were exposed to HIV less than three months ago, the results may be inaccurate
- · A positive result must be confirmed with an in-person blood test

- Where to get a blood test to confirm a positive result
- How to receive follow-up
- PrEP information to prevent HIV transmission, if you received a negative result





- Mission: to decrease the transmission and burden of STIs through free, convenient, confidential and accurate testing and to educate clients about STI prevention
- Based out of Johns Hopkins University
 School of Medicine in Maryland







Sexually transmitted infections (STIs)
CAN HAPPEN
TO ANYONE

Order an STI self-test kit at iwantthekit.org

Test on your own terms for chlamydia and gonorrhea, and know your status in less than two weeks.

Questions about the STI self-test?

Call 877-334-8762











Phines Edwards, jledwards1@anthc.org



Facebook: @iKnowMine

Instagram: @iKnowMine

Website: iKnowMine.org

Email: iKnowMine@anthc.org



Order supplies online at iKnowMine.org





FREE & CONFIDENTIAL TESTING



Mondays + Fridays 9:00am - 3:00pm 825 L St • 1st Floor

HIV GONORRHEA CHLAMYDIA SYPHILIS





COVID-19

SERVICES

LEARN

EVENTS

CONTACT US

STI TESTING & TREATMENT

The Anchorage Public Health Clinic offers services related to the testing and treatment of sexually transmitted infections (STIs).

At the Anchorage Public Health Clinic, we can test for a variety of infections. Counseling and confidential (private) testing for HIV, syphilis, gonorrhea, chlamydia, and other STIs are provided by trained staff who are sensitive to your needs and concerns.

For gonorrhea and chlamydia, we can use a urine sample or swab for testing. If the test shows an infection, we will offer you treatment and explain how your partner(s) can be treated.

For testing involving urine samples, including chlamydia and gonorrhea, do not urinate or have sex or sexual contact for one hour before testing.

Some — but not all — STI tests require a genital exam. Staff will discuss this with you during your appointment.

Treatment (antibiotics) will be provided for syphilis, gonorrhea, chlamydia, bacterial vaginosis, yeast, and trichomoniasis infections. Referrals for treatment are provided for Hepatitis C and HIV infections.

LEARN MORE:

- Chlamydia
- Gonorrhea
- Syphilis
- Bacterial Vaginosis
- Trichomoniasis
- Genital Warts
- Genital Herpes
- Pelvic Inflammatory
 Disease
- HIV/AIDS
- STI's and Pregnancy

HIV Testing

CONDOMS

EDUCATION AND PREVENTION

FAOS

HIV TESTING

PREP

SYRINGE SERVICE PROGRAM

Testing Locations and Resources

Rapid HIV testing is free and completely confidential. Four A's uses the OraQuick Rapid in home HIV Test Kit. Tests produce results in 15-20 minutes.

FOUR A's - ANCHORAGE

In-person testing Tuesday, Wednesday and Thursday from 10-2 - Appointments available, drop-ins accepted. Please call 907-744-7366

Take-home HIV kits available.

1057 W. Fireweed Lane, Suite 102 907-744-6877 / 907-744-7366

FOUR A'S - JUNEAU

Take-home HIV Test Kits available -Call the Juneau office at 907-500-7465

225 Front Street, Suite 103-A Juneau, AK 99801



Questions?

AK ID ECHO

Alaska Infectious Disease ECHO: HCV, HIV, PrEP and common STIs

Second Tuesday of every month from noon-I PM AKST

Upcoming sessions

- March 12: Antimicrobial stewardship in primary care
- April 9: Hepatitis C Update
- May 14: Hepatitis A in Alaska has it disappeared or will it come back?
- June II: HIV Update

www.anthc.org/ak-id-echo // akidecho@anthc.org



LiverConnect ECHO

Fourth Tuesday of every month from 8-9 a.m. AKST

Upcoming sessions

- February 27: What is MASLD?
- March 26:Alcohol Liver Disease including MetALD
- April 23: Hepatorenal Syndrome

www.anthc.org/hep // liverconnect@anthc.org

Indian Country ECHOs



- www.IndianCountryECHO.org
 - Multiple ECHOs hosted by the Northwest Portland Area Indian Health Board



Evaluation and Continuing Education Credit

Approved Provider Statements:



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The ANMC Joint Accreditation CE Program Portfolio additionally supports Behavioral Health (APA), Social Work (ASWB-ACE), and Dietitians (CPEU).

To claim Continuing Education credit:



- The QR code will connect to the electronic evaluation to claim the CE credit certificate for today's AK ID ECHO.
- A PDF certificate of credit will be automatically emailed to the address provided in the electronic evaluation form.
- The evaluation link will be sent out via email to all registered participants.
- https://forms.gle/18t4EgvN2WdnM4P77



AK ID ECHO Contacts

ANTHC

- Leah Besh PA-C, Program Director: <u>labesh@anthc.org</u>
- Lisa Rea RN, Case Manager: ldrea@anthc.org
- Jennifer Williamson, Program Coordinator: jjwilliamson@anthc.org
- Patient case submissions: akidecho@anthc.org

ANTHC Early Intervention Services/HIV Program: 907-729-2907

ANTHC Liver Disease and Hepatitis Program: 907-729-1560

Northwest Portland Area Indian Health Board // www.indiancountryecho.org

David Stephens, Director Indian Country ECHO: <u>dstephens@npaihb.org</u>









AK ID ECHO Consultant Team

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- Leah Besh, PA-C HIV/Hepatology Provider
- Rod Gordon, R.Ph.AAHIVP Pharmacist
- Jacob Gray, MD Infectious Disease Provider
- Annette Hewitt, ANP Hepatology Provider
- Brian McMahon, MD Hepatologist
- Lisa Rea, RN HIV/STI Case Manager
- Lisa Townshend, ANP Hepatology Provider





Thank you!

This project is funded by the Minority HIV/AIDS Fund through the Indian Health Service.