

AAPCHO / MAYO CLINIC TUBERCULOSIS ASSESSMENT

Online Survey Screenshots



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Introduction

Association of Asian Pacific Community Health Organizations (AAPCHO) and the Mayo Clinic Center for Tuberculosis (TB) are conducting this project funded by the Centers for Disease Control and Prevention (CDC) to better understand TB-related screening and treatment practices at community health centers. We have invited you to participate in this survey to learn about your experiences because we believe you can help us identify and prioritize TB screening and treatment practice needs of health centers serving populations at high-risk for TB. This survey will take approximately 15 minutes to complete. Responses will only be reported in summary form. Thank you for your willingness to share your knowledge and experiences about TB.

Form Approved
OMB No. 0920-1027
Expiration Date: 7/31/2020

Public reporting burden of this collection of information is estimated to average 15 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. An agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a currently valid OMB control number. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden to CDC/ATSDR Reports Clearance Officer, 1600 Clifton Road NE, MS D-74, Atlanta, Georgia 30333; Attn: OMB-PRA (0920-1027).

What is the name of the organization that you work for?

*

What is your position/role at your organization?

*

What TB-related services does your health center provide? *Please check all that apply.*

- We don't provide TB related services
- TB testing
- TB prevention education
- Treatment for latent TB infection
- Treatment for TB disease
- Other (please specify)

*

How big of a problem is TB in your patient population?

Not a problem	A slight problem	Somewhat a problem	A moderate problem	A major problem
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>





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* Have you diagnosed someone with TB disease in the last 5 years?

- Yes
 No



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* For the people you diagnosed with latent TB infection or TB disease,, were you involved with treatment?

- Yes
 No



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* Have you diagnosed anyone with latent TB infection in your current practice setting?

- Yes
 No

* Have you treated latent TB infection in your current setting?

- Yes
 No



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* Does your electronic health record system collect country of birth?

- Yes
 No

Approximately what percentage of your general patient population is born outside of the United States?

- Less than 30%
 30 to 60%
 Greater than 60%
 Don't know
 Not available/not collected

What Asian American, Native Hawaiian, or Pacific Islander ethnicities are primarily represented in your patient population? *Please check all that apply.*

What Asian American, Native Hawaiian, or Pacific Islander ethnicities are primarily represented in your patient population? *Please check all that apply.*

- Chinese
- Vietnamese
- Filipino
- Korean
- Asian Indian
- Japanese
- Samoan
- Chamorro
- Tongan
- Fijian
- Marshallese
- Don't Know
- Other Asian (e.g. Pakistani, Cambodian, Hmong, Lao, Sri Lankan) or Pacific Islander (e.g. Palauan, Tahitian, Chuukese). Please specify.



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TB infection Testing Policies and Practices

*

Do you provide TB tests (either tuberculin skin tests [TST] or interferon-gamma release assay [IGRA]) at your clinic?

- Yes
- No



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TB infection Testing Policies and Practices

* Which patients are recommended to be tested for TB infection? *Please check all that apply.*

- Patients who identify as health care workers
- Patients who are born outside the United States
- Patients who currently, or used to, live in large group settings, such as homeless, shelters or prisons
- Patients who are immunosuppressed
- Patients who request testing for occupation or school requirements
- I don't know which patients are recommended to be tested
- Other (please specify)



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TB infection Testing Policies and Practices

* How do you test patients for latent TB infection in your clinic? *You may choose more than one, please check all that apply.*

- TST only
- TST with IGRA if positive
- IGRA only

* If a patient has a positive TST or IGRA, what additional diagnostic services are performed to rule out TB disease?

- We order an IGRA for the patient if the TST result is positive
- We send the patient to do a chest X-ray
- Both of the above
- Other (please specify)





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TB infection Testing Policies and Practices

* What would you do if you suspected TB disease in a patient? *Please check all that apply.*

- Conduct a clinical evaluation of the patient at my facility
- Have the patient sent to the emergency department (local hospital)
- Refer the patient to the health department
- Other (please specify)

* Do you have a clinic protocol that describes who should have a TB test?

- Yes, we have a clinic wide protocol
- No, the decision is made by the individual clinician
- Other (please specify)

* Is latent TB infection testing provided to indigent/uninsured patients without cost?

- Other (please specify)

* Is latent TB infection testing provided to indigent/uninsured patients without cost?

- Yes
- No
- Don't know



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TB infection Testing Policies and Practices

* Does your clinic use a sliding scale for latent TB infection testing of indigent/uninsured patients

- Yes
- No
- Don't know



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Latent TB Infection Treatment Practices

* How strongly do you encourage patients to complete treatment for latent TB infection?

Do not encourage treatment	Slightly encourage treatment	Somewhat encourage treatment	Moderately encourage treatment	Strongly encourage treatment
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

* Do you encourage treatment more strongly for "high risk" latent TB infection patients, such as HIV and children under 2 than other at-risk patients?

- Yes
- No



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Latent TB Infection Treatment Practices

* Does your clinic provide treatment for latent TB infection?

- Yes
 No



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Latent TB Infection Treatment Practices

How do you provide treatment to patients diagnosed with latent TB infection?

Please check all that apply.

- Directly observed therapy
 Self-administered therapy
 Electronic directly observed therapy
 Other (please specify)



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Latent TB Infection Treatment Practices

- * What treatment regimens are most often offered to patients who test positive for latent TB infection? Please rank your regimens from 1st to last choice for treatment, or please indicate if you never offer these regimens. *1-first choice, 2-2nd choice, 3-3rd choice, 4-4th choice, N/A-never.*

	1	2	3	4	N/A
9 months daily isoniazid	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
6 months daily isoniazid	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
4 months daily rifampin	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
3 months of once-weekly rifapentine plus isoniazid (3HP)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Other (Please specify below)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Other:

Other:

- * If your clinic prescribes latent TB infection treatment, is there an on-site pharmacy or a pharmacy physically close to clinic?

Yes

No

- * Is latent TB infection treatment provided to indigent/uninsured patients without cost?

Yes

No

Don't know



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Latent TB Infection Treatment Practices

* Does your clinic use a sliding scale for latent TB infection treatment of indigent/uninsured patients?

- Yes
- No
- Don't know



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Latent TB Infection Treatment Practices

* On average, how many of your patients accept treatment for latent TB infection?

- All
- Most
- Some
- Few
- None
- Don't Know

* On average, how many of your patients complete treatment for latent TB infection?

- All
- Most
- Some
- Few
- None
- Don't Know

Barriers and Facilitators

* In your experience, what are the most common barriers for providers in your clinic to test for TB infection? *Please check all that apply.*

- Unaware of risk factors or testing recommendations
- Don't believe TB is a problem. TB infection does not rise to the level of so many other issues that clinicians need to think about during the clinical encounter in a very busy clinic.
- Testing for TB infection not incorporated into electronic medical records system
- Other (please specify)

* In your experience, what are the most common barriers for providers in your clinic to treat latent TB infection? *Please check all that apply.*

- Lack of knowledge of available treatment regimens
- Don't believe treatment is beneficial
- Unable to support directly observed therapy at clinic
- Not a high priority issue
- Other (please specify)

* In your opinion, what would be the best ways to encourage providers to test and treat latent TB infection? *Please check all that apply.*

- Incorporation into electronic medical records system
- Education and training on available testing and treatment guidelines
- Having TB expert consultation available
- Clinic protocols and procedures
- Other (please specify)

* On a scale of 1-5, how motivating are the following messages to encourage providers to test and treat at-risk populations for latent TB infection? *1 being not motivating at all and 5 being extremely motivating.*

1 - not motivating at all 2 - slightly motivating 3- somewhat motivating 4 - very motivating 5 - extremely motivating

More than 85% of U.S. TB cases are believed to be associated with longstanding untreated latent TB infection.

○ ○ ○ ○ ○

A high percentage of the TB cases in

motivating at all motivating motivating motivating motivating

More than 85% of U.S. TB cases are believed to be associated with longstanding untreated latent TB infection.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
A high percentage of the TB cases in my state come from areas served by my clinic.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
TB case rates are 30 times higher for Asians than whites.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Treating latent TB infection is 90% effective in preventing development of TB disease.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
More U.S. TB cases are occurring among non-U.S.-born persons who have been in the United States for 10 years or longer, than among those who have recently arrived.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

* In your experience, what are the most common barriers preventing patients from getting tested for TB infection? *Please check all that apply.*

- Don't believe they are at risk
- Test not covered by insurance/can't afford test
- Don't trust TB test results because of BCG vaccination
- Afraid of stigma if test result is positive
- Other (please specify)

* In your experience, what are the most common barriers preventing patients from accepting latent TB infection treatment? *Please check all that apply.*

- Don't believe they are at risk for developing active TB disease
- Unaware of the benefits of treatment in preventing development of TB disease
- Don't trust TB test results because of BCG vaccination
- Unable to afford treatment
- Other (please specify)

* In your experience, what are the most common barriers preventing patients from completing latent TB infection treatment? *Please check all that apply.*

* In your experience, what are the most common barriers preventing patients from completing latent TB infection treatment? *Please check all that apply.*

- Side effects of medication
- Long course of treatment
- Treatment inconvenient (time, distance to clinic)
- Cost of treatment
- Other (please specify)

* To improve treatment completion among patients with latent TB infection, what do you think are the best ways to support patients? *Please check all that apply.*

- Education and counseling for patients and families
- Removing barriers to treatment (transportation support, electronic directly observed therapy, etc.)
- Other (please specify)

* On a scale of 1-5, how motivating are the following messages to encourage patients to get tested and treated for latent TB infection? *1 being not motivating at all and 5 being extremely motivating.*

1 - not 2 - slightly 3 - somewhat 4 - very 5 - extremely

* On a scale of 1-5, how motivating are the following messages to encourage patients to get tested and treated for latent TB infection? *1 being not motivating at all and 5 being extremely motivating.*

	1 - not motivating at all	2 - slightly motivating	3 - somewhat motivating	4 - very motivating	5 - extremely motivating
TB blood tests do not react with previous BCG vaccine.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
TB case rates are 30 times higher for Asians than whites.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Treating latent TB infection prevents the development of TB disease.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Many TB cases in the U.S. are a result of reactivation of TB infection acquired many years ago in countries where TB disease is more common.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>



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Provider and Patient Education

* Where would you seek clinical consultation for patients with latent TB infection or TB disease? *Please check all that apply.*

- The local public health department TB clinic
- Local hospital
- Other (please specify)

* What are your go-to resources for updated medical information about TB? *Please check all that apply.*

- CDC website (<https://www.cdc.gov/tb/>)
- WHO website (<http://www.who.int/tb/en/>)
- www.uptodate.com
- Other (please specify)

* What are your preferred formats for clinical education about TB? *Please check all that apply.*

- Websites/online training
- Mobile Medical Apps
- Print materials
- Face-to-face presentations
- Annual medical conferences
- Other (please specify)

* What types of patient TB education materials are preferred in your clinic? *Please check all that apply.*

- Print materials or pamphlets in patient's preferred language
- Videos in the clinic
- Graphics/posters in the clinic
- Patient education sessions
- Other (please specify)





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About Your Medical Records

* What electronic health record (EHR) system does your clinic use?

- NextGen
- eClinical Works
- EPIC
- GE Centricity
- Other (please specify)

* Do you use your EHR to alert for testing or treatment for latent TB infection?

- Yes, but only for testing
- Yes, but only for treatment
- Yes, both testing and treatment
- No

Comments:

* Do you use your EHR to alert for testing or treatment for latent TB infection?

- Yes, but only for testing
- Yes, but only for treatment
- Yes, both testing and treatment
- No

Comments:

* Do you use your EHR to track testing or treatment for latent TB infection?

- Yes, but only for testing
- Yes, but only for treatment
- Yes, both testing and treatment
- No

Comments:



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About Your Medical Records

* If an EHR is available to track testing or treatment: Do you typically follow the recommendations in the EHR prompts?

- Yes
- No
- We track in EHR but don't use prompts (please explain):



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About Your Medical Records

* Is your clinic able to use your EHR to track patients through treatment?

- Yes
- No

Comments:



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Are you interested in learning more about TB prevention, latent TB infection testing, and treatment? If so, please indicate your email address down below.

- No
 Yes

Are there others in your organization we should involve in further communications about collaborations to strengthen TB prevention and treatment practice needs? If yes, please specify name and position in the organization, and contact information.

Do you have any other comments regarding your clinic's tuberculosis screening and treatment practices or needs that you would like to add?



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Thank you very much for your participation.



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