



TB Times

Mayo Clinic Center for Tuberculosis (MCCT)

UPCOMING EVENTS

Select links for
details

[2024 Civil
Surgeons Series](#)
eMedical
Reporting
Process
December 5, 2024
Webinar

[Innovations in
TB Series](#)
TB and HIV
December 6, 2024
Webinar

Special CoP:
[New SIRTURO
\(BDQ\) J&JPAP
Application
Process](#)
December 5, 2024
Webinar

Save the Date
[Union NAR TB
Conference](#)
Feb 26-March 1
Vancouver, BC

Save the Date
[NTCA
Conference](#)
June 2-6, 2025
Atlanta, GA



Cultural Humility Training

In late September, Executive Director for the Mayo Clinic Center for Tuberculosis, Jennifer Curran, had the pleasure of attending a two-day cultural humility training organized by the Dolores Jean Lavins Center for Humanities in Medicine and the Prairie Island Indian Community. The event highlighted the history and experiences of Native communities, emphasizing the importance of listening and learning from tribal stories. Jennifer actively participated in discussions, underscoring the value of cultural humility in addressing health disparities, including tuberculosis care. Events like this remind us that building relationships across cultures is vital to improving health outcomes.

Bi-State ID Conference Highlights!

On November 8, St. Louis, Missouri, hosted the 28th Annual Bi-State Infectious Disease Conference, bringing together over 100 attendees to advance public health care. The event featured 30 exhibitors, 11 engaging sessions, and topics ranging from culture-negative TB to *Candida auris* and Alpha-gal syndrome. A highlight was the panel discussion, *How to Get to Zero*, sparking dynamic conversations on eliminating infectious diseases. The conference showcased collaboration and innovation in public health. Kuddos to the planning committee for hosting such a wonderful event!





Dr. John Wilson Honored with Distinguished Clinician Award

The Annual Meeting of the Staff of Mayo Clinic was held Thursday, November 14. During this meeting, Dr. John W. Wilson was presented with the 'Distinguished Clinician Award'.

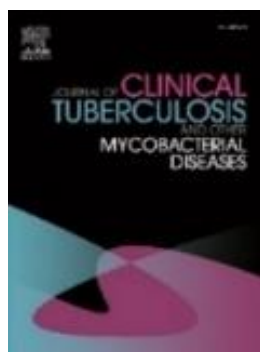
Distinguished Clinicians are nominated by peers and recognized for making outstanding contributions to patient care and embodying Mayo Clinic's primary value, "The needs of the patient come first." This is an outstanding honor. Dr. Wilson's commitments & dedication to Mayo Clinic, our practice, and our patients is truly commendable. Congratulations, Dr. Wilson!

Journal Spotlight on TB

[Mycobacterium tuberculosis evolution from mono-resistance to pre-extensive drug resistance during a prolonged household outbreak](#)

Whole genome sequencing (WGS) is a powerful tool for analyzing tuberculosis transmission and drug resistance. In a prolonged household outbreak in Uruguay, WGS revealed the evolution of *Mycobacterium tuberculosis* from isoniazid mono-resistance to pre-XDR, with key mutations in genes such as *katG*, *rpoB*, and *gyrA*.

Combining WGS with epidemiological interviews helped trace transmission chains and distinguish reinfection from reactivation. Universal WGS could enhance TB control efforts by improving diagnosis, outbreak detection, and public health interventions.



CDC Updates

Elimination of Two CDC TB Reference Lab Testing Services

Effective November 1, 2024, the CDC TB Reference Laboratory will discontinue two testing services: growth-based pyrazinamide (PZA) susceptibility testing and pyrosequencing (PSQ) of rifampin and isoniazid resistance loci for DNA extracts from FFPE tissue. Growth-based PZA testing was suspended earlier due to product recalls; *pncA* sequencing remains available. PSQ services were discontinued due to reagent discontinuation, with a replacement assay anticipated in 2025. NTCA hosted a community of practice discussion on this topic. You can access the recording [here](#) (passcode: M&q65J3). To read the full message, visit our [news page](#). Questions can be directed to TBLab@cdc.gov.

2023 Reported Tuberculosis in US

On March 28, 2024, CDC published [provisional tuberculosis \(TB\) data](#) in CDC's *Morbidity and Mortality Weekly Report*. The full final report, [Reported Tuberculosis in the United States, 2023](#), is now available exclusively on the CDC website. The report describes cases of TB disease reported to CDC during 1993–2023.



In 2023, all jurisdictions fully implemented the [revised TB case report form](#). This year's annual report includes select data from new variables from the revised form, including pregnancy, smoking, and history of experiencing homelessness. The new variables on the revised form provide additional understanding of characteristics and risk factors among persons with TB disease. CDC created a [slide set](#) and [infographic](#) to highlight findings from the 2023 surveillance report.

Newsletter Content Suggestions

We invite you to be active participants in shaping the content of our newsletter. We will do our best to provide clarity on your TB related questions and include topics and events you would like to showcase. Simply submit your ideas to [TB Times Content Suggestion](#). Each issue we will feature suggested content, making this newsletter a true reflection of your needs.

Vision

To become a regionally, nationally, and internationally recognized Center of Excellence for tuberculosis.

Mission

To contribute, in a meaningful way, to the control, management, and elimination of tuberculosis regionally, nationally, and globally.



Medical Consultation

MCCT provides expert medical consultation to public health and medical professionals in our assigned region. We have colleagues with expertise in public health nursing, pharmacy, laboratory, occupational health, pediatrics, and radiology just to name a few.

Consultations can be requested using one of the following options:

- Submit at [IDCrowd Platform](#)
- Email tbcenter@mayo.edu
- Call 507-284-0275

IDCrowd is the preferred platform for submitting requests used by all TB COEs. If you are using IDCrowd for the first time, choose the option to register for a new membership. Additional information on how to submit a request can be found [here](#).

Mini Fellowships

As part of the TB COE initiatives, MCCT is providing mini-fellowship opportunities for healthcare professionals seeking to deepen their understanding of TB.

Experiences will be curated to meet individual learning needs. Some experiences that may be offered include shadowing healthcare professionals as they interact with patients, observing directly observed therapy (DOT), and participating in TB case reviews.

You can find out more information by emailing tbcenter@mayo.edu. To be considered for a mini fellowship, please submit an [application here](#).

Educational Requests

MCCT is able to support a variety of TB related needs including virtual and in-person training, educational material development, and technical assistance. Please contact us to discuss ways we can support your work in treating and preventing tuberculosis.

Contact Us



TBcenter@mayo.edu



centerfortuberculosis.mayo.edu



507-284-0275