

# Wisconsin Tuberculosis (TB) Program Updates

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## **Topics**

- Effect of COVID-19 pandemic on TB
- Wisconsin TB Program (WTBP) updates
- New national TB guidelines and resources
- New WTBP materials

- The COVID-19 pandemic is having a devastating impact on the fight against other deadly infectious diseases such as HIV, TB and malaria.
- Resources were diverted to combat the COVID-19 pandemic.
- Prevention, testing and treatment services for other diseases decreased.

- In countries the Global Fund supports, the number of individuals tested and treated for TB fell by:
  - 18% for susceptible TB
  - 37% for extensively drug resistant TB
- Approximately one million untreated TB cases will lead to increased transmission and more deaths.

- The pandemic is the most significant set-back in TB prevention and control in two decades.
- In some countries, the secondary effects on HIV,
   TB and malaria could exceed the direct impact of COVID-19.

- Wisconsin: 30% fewer TB cases in 2020
- True decline in TB incidence?
- Under-ascertainment of cases?

## Rifamycin Issues: Background

- Rifamycins are important drugs used in regimens for treatment of TB disease and latent TB infection (LTBI).
- There are two interrelated issues:
  - Drug shortage
  - Nitrosamine contamination

#### **Nitrosamine Contamination**

- The US Food and Drug Administration (FDA) recently began testing for nitrosamines.
- Nitrosamines are potential carcinogens.
- Nitrosamine impurities were found in rifampin and rifapentine.
- FDA is allowing continued distribution of these medications.

## **Rifamycin Shortages**

- The shortage is attributed to increased global demand and nitrosamine contamination.
- Wisconsin has experienced shortages of rifapentine and rifabutin.
- Wisconsin has not experienced rifampin shortages.
  - Providers should continue prescribing rifampin for treatment of TB disease per existing guidelines.

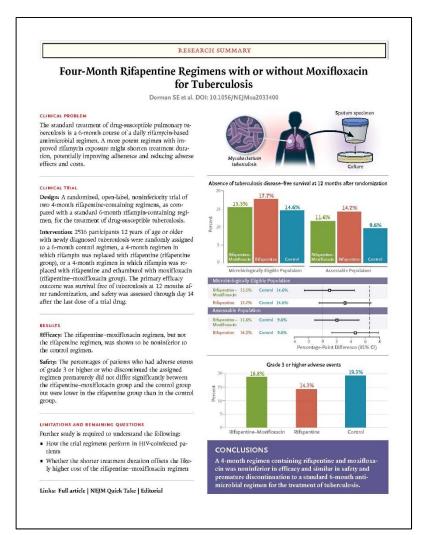
## WTBP Response to Rifamycin Issues

- WTBP will approve further use of rifapentine and rifabutin through the Wisconsin TB Dispensary on a case-by-case basis, depending on the supply of medication.
- The Wisconsin TB Dispensary pharmacy assures the supply of medication for each patient that starts a 3HP regimen.

### **New National TB Guidelines**

Release Date	Name
09/2021	Updated Guidance on Co-Administration of COVID-19 Vaccine and Tuberculin Skin Test (TST) or Interferon Gamma Release Assay (IGRA) blood test. DHS Gov Delivery message: <a href="https://content.govdelivery.com/accounts/WIDHS/bulletins/2ef6">https://content.govdelivery.com/accounts/WIDHS/bulletins/2ef6</a> <a href="mailto:ae3">ae3</a>
05/28/21	NTCA TB Nurse Case Manager Core Competencies: <a href="http://www.tbcontrollers.org/resources/core-competencies/">http://www.tbcontrollers.org/resources/core-competencies/</a>
02/2021	NTCA/NSTC's publication Testing and Treatment of Latent Tuberculosis in the United States: Clinical Recommendations: <a href="http://www.tbcontrollers.org/resources/tb-infection/clinical-recommendations/">http://www.tbcontrollers.org/resources/tb-infection/clinical-recommendations/</a>

## **New Study**



- Study: shorter regimen for treatment of TB disease
- 4-month regimen containing rifapentine and moxifloxacin
- 4-month regimen containing rifapentine and moxifloxacin was noninferior to standard 6month regimen

#### **New WTBP Materials**

Publication Number	Description
P-42027	Non-tuberculous mycobacterial (NTM) infections: Information for providers and local and tribal partners
P-02969	Home Isolation Agreement
P-02849	Hospital Discharge Checklist

https://www.dhs.wisconsin.gov/tb/index.htm

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### **WTBP Staff**



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## **Questions?**