



National Tuberculosis Controllers Association

HEARTLAND NATIONAL TB CENTER TB NURSE CONSULTANT MEETING

NOVEMBER 9-10, 2022
SAN ANTONIO, TEXAS

Disclosure

- ❖ I have no financial or other disclosures

Let's have some fun!

1. Go to your web browser on computer or smart phone

- <https://pollev.com/ntcacop>

2. Scan the QR code



Welcome to ntcacop's presentation!

Introduce yourself

Enter the screen name you would like to appear alongside your responses.

Name

Continue

Skip

Using a screen name allows the presenter and other participants to attach your screen name to your responses. You can change your screen name at any time.



Polling Question



- What is your favorite way to close an email?

Polling Question



- Why did you choose a career as a nurse?

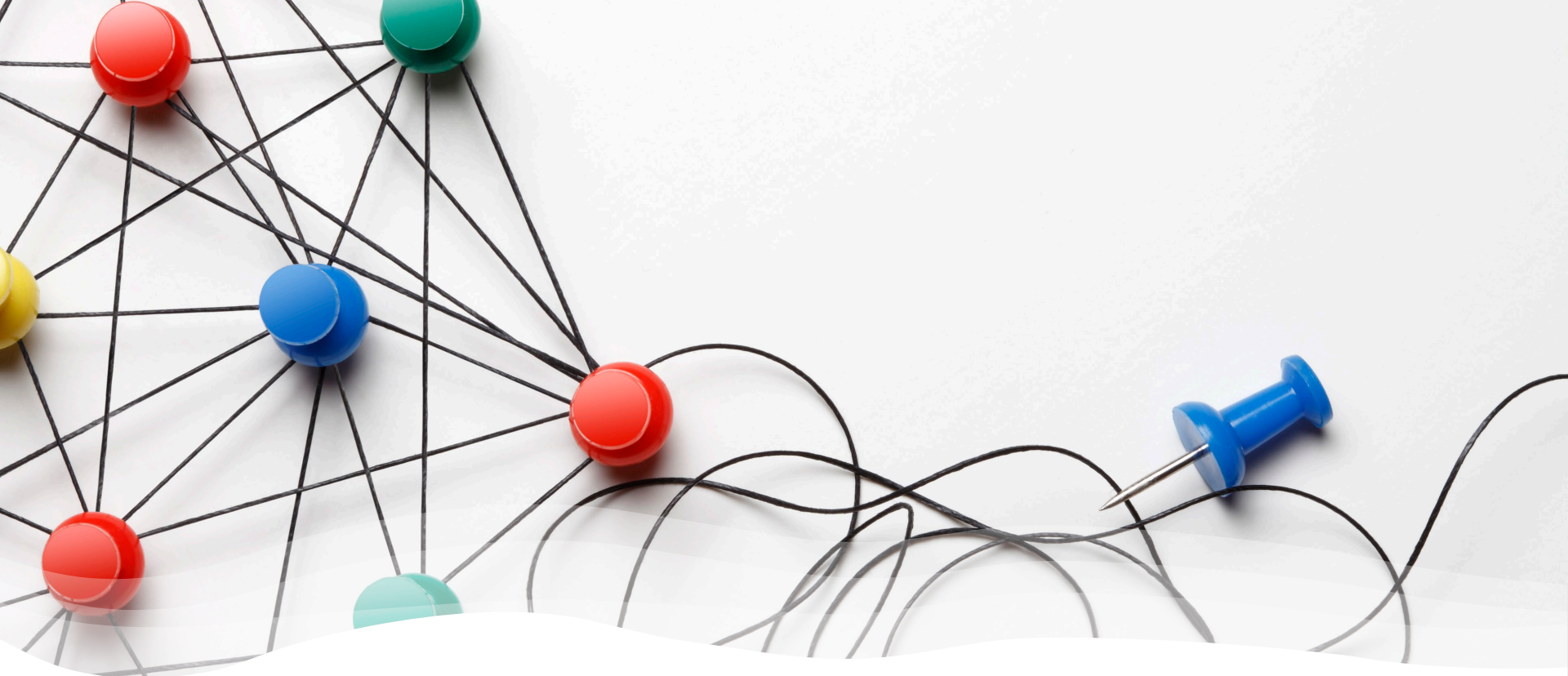
Polling Question



- What **keeps** you in public health nursing?

Objectives

- ❖ Identify nurse networking outlets
- ❖ Discuss the importance of professional networking
- ❖ Describe activities of the
 - ❖ National TB Controllers Association &
 - ❖ the National TB Nurse Coalition



The process of making connections and building relationships

What IS Networking?

Types of Networking

- **Reception networking**
 - National TB Conference, TB Nurse Consultant meeting
 - Overwhelming for some persons
- **Coffee, drinks or a meal**
 - Smaller group, more in-depth conversations
- **Become friends and work partners**
 - Coalition and partnerships can begin
 - Can call when needed
 - Allow for disagreement & debate – you know you have gained mutual trust

What is your favorite kind of networking activity?

Networking.....

- ❖ Easy to consider superficial
- ❖ Every person you meet is a real human!!
- ❖ You may be perfectly positioned to help them solve a problem and vice versa

Nurse Networking Outlets

National

- National TB Nurse Coalition
- ANA
- National League of Nursing
- National Nurses United
- International Council of Nurses
- American Assembly for men in nursing
- APIC



National: National TB Controllers Association

- The mission of the National Tuberculosis Controller Association (NTCA)
 -protect the public's health by advancing the elimination of tuberculosis in the U.S. through the concerted action of state, local, and territorial programs.
- Currently, NTCA has over 850 members
 - 48 state TB programs,
 - 8 Big City TB programs,
 - 5 US territories



NTCA Sections

- National TB Nurse Coalition (NTNC)
- National Society for TB Clinicians (NSTC)
- Society for Epidemiology in TB Control (SETC)
- *Under the Umbrella of NTCA*
 - *We are TB*
 - *Stop TB USA*



National TB Nurse Coalition



National Tuberculosis
Nurse Coalition


- The mission of the NTNC is to advise and support the TB programs ~~control officials~~ of state, local, and territorial governments by providing, within NTCA, a coordinated **nursing perspective** on issues vital to the success of TB prevention programs.

NTNC/NTCA Activities

New Treatment Regimens

FREQUENTLY ASKED QUESTIONS (FAQS)

A 4-Month Regimen to Treat Pulmonary Tuberculosis: Isoniazid, Rifapentine, Moxifloxacin, Pyrazinamide (HPMZ)



National Tuberculosis
Controllers Association

NTCA PROVIDER GUIDANCE

A 4-Month Regimen to Treat Pulmonary Tuberculosis: Isoniazid, Rifapentine, Moxifloxacin, and Pyrazinamide (HPMZ)

What is the 4-month HPMZ regimen for treatment of drug susceptible TB?

The HPMZ regimen consists of an 8-week intensive phase of isoniazid, rifapentine, moxifloxacin, and pyrazinamide (2Z) given daily, followed by a 36-week continuation phase of isoniazid, rifapentine, and moxifloxacin given daily. The total duration of therapy is 44 weeks.


What is the medication dosage of the HPMZ regimen?

Medication	Daily weight	Dosage
Isoniazid (INH)	< 45 kg (99 pounds)	300 mg
Rifapentine (RFP)	< 45 kg (99 pounds)	1500 mg
Moxifloxacin (MXF)	> 45 kg (99 pounds)	400 mg
Pyrazinamide (PZA)	40-55 kg (88-121 pounds)	1500 mg
	> 55 kg (121-145 pounds)	1800 mg
	> 75 kg (165 pounds)	2000 mg

This 4-month regimen should be administered once daily with food, 7 days per week.


Standard Regimen (2Z) 75mg

8 weeks



Short course regimen (2Z) 75mg

6 weeks



Are there drug-drug interactions?

There are common interactions for Isoniazid, Rifapentine, and Moxifloxacin:

- Isoniazid increases blood levels of phenytoin and ethambutol.
- Rifapentine, similar to rifampin, decreases blood levels of oral or inhaled hormonal contraceptives, oral contraceptives, multiple antacids, some anti-epileptics and statins.
- Some cardiac medications and certain antineoplastic drugs may have additive drug-drug interactions.
- Moxifloxacin interacts with other medications that are CYP2C9 substrates. There are no medicinal drug-drug interactions with rifapentine.
- Pyrazinamide: Consultation Page 27

Possible adverse events (AEs) with HPMZ

Mild to moderate: Rash, Nausea, Vomiting, Headache, Dizziness, Fatigue, Weight gain, Diarrhea, Dry mouth, LFTs, BUN, Creatinine, Anemia, Fever, Myalgia, Arthralgia, Headache, Rash, Swelling.

Moderate to Severe: Mycobacterium abscessus infection, Hepatotoxicity, Peripheral neuropathy, Life threatening pulmonary disease, CNS, HA, Myocarditis and multi-organ system failure, Hemoptysis, Hemorrhage, Disorientation, Drowsiness, Double vision, Blurred vision, Acute hemolytic anemia, Lymphopenia, Leukopenia, Thrombocytopenia, Eosinophilia, Hypersensitivity reactions, which may include:

- Chills/fever
- Swelling and shock
- Stomatitis
- Disseminated erythema
- Disseminated drug eruptions or rashes
- Severe drug reactions such as SJS or TEN.

NATIONAL TUBERCULOSIS CONTROLLERS ASSOCIATION

Have questions about the new short-course TB treatment?


[Learn more >](#)

Clinical Recommendations

A GUIDE FOR HEALTH CARE PROVIDERS AND PUBLIC HEALTH PROGRAMS

Testing and Treatment of Latent Tuberculosis Infection in the United States:

Clinical Recommendations



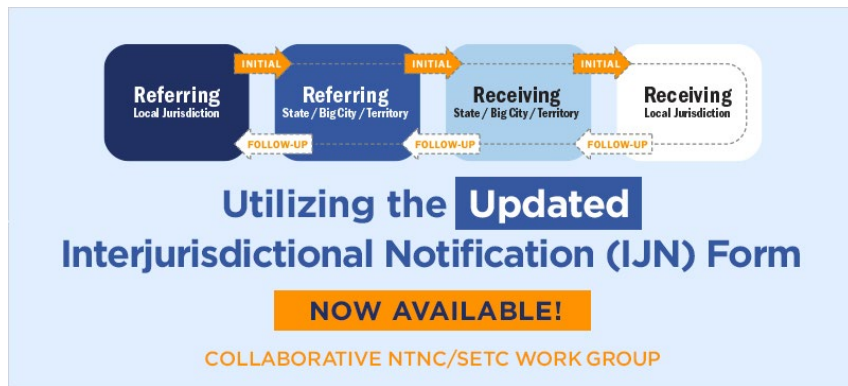
A SECTION OF

National Society of Tuberculosis Clinicians

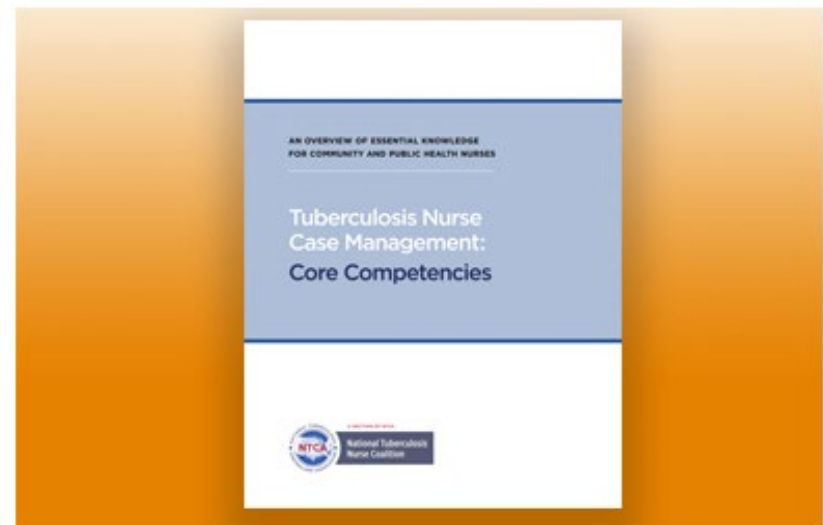


NTNC/NTCA Activities

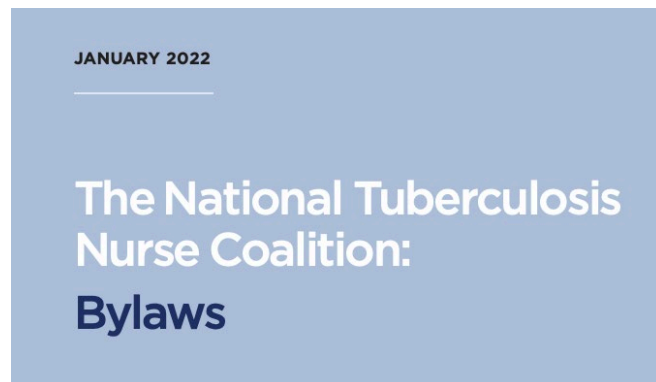
IJN Form: Collaboration with the SETC



Core Competencies



Updated NTNC By-laws



NTNC releases revised TB Nurse Case Management Core Competencies. [Read more >](#)



Coming Soon.....



National Tuberculosis
Nurse Coalition

TB NURSE CASE MANAGER

CERTIFICATE PROGRAM



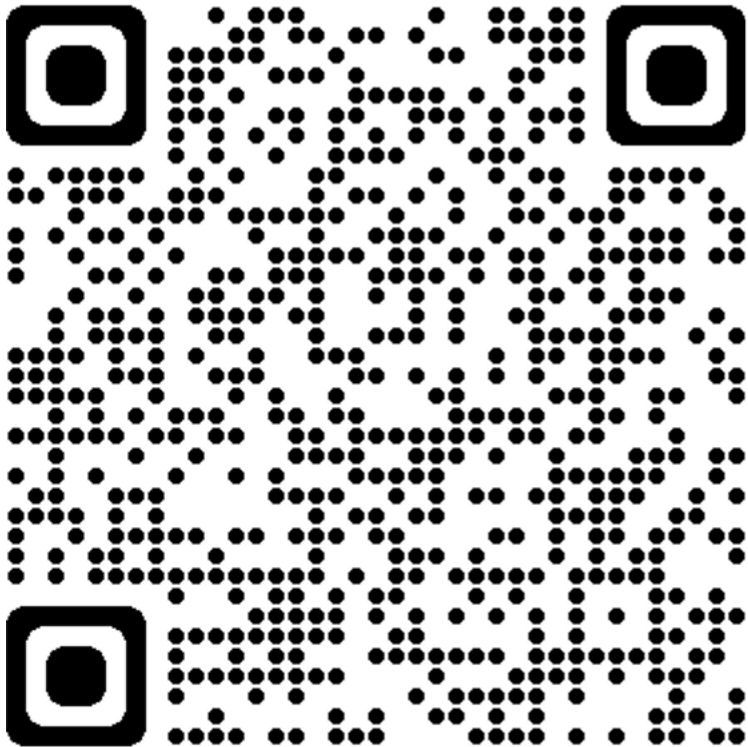
NTCA Membership

Includes membership within the NTNC section

- **Be sure and indicate you wish to be part of the NTNC when you join!**
- Benefits of NTNC participation:
 - Collective voice for TB Nurses
 - Archived Webinar presentations for members only
 - Opportunities to work on national guidelines
 - Professional home for nurses working in TB
 - Networking with a great group of people!
 - NTNC Community of Practice: Nurse Journal Club
 - TB Nurse Listserv



How to become a member!



- How to become a member:
- If your state is institutional member you may join for:
 - \$40 per year!

National Networking Outlets



We are TB

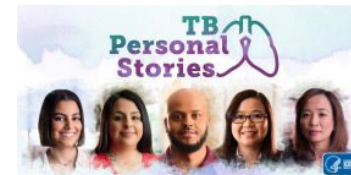
Networking Support Space –

- designed by, and for, TB patients, survivors, and families
- 8:00 PM ET Mondays
 - Meet by zoom
 - Spanish speaker sessions

ALSO:

- TB survivor stories – curated and produced by DTBE

<https://www.wearetb.com/>



National Networking Outlets



CDC's Division of TB Elimination



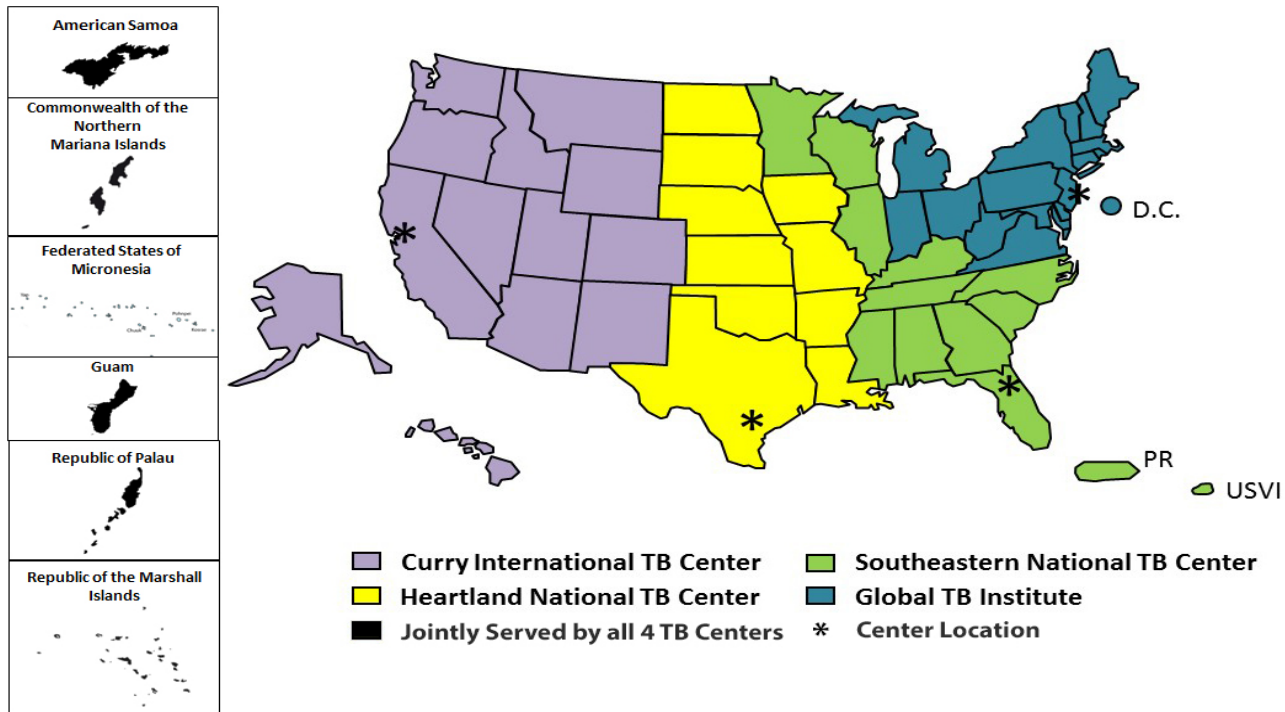
TAG

Treatment Action Group



Regional : Nurse Networking

CDC's TB Centers of Excellence



- TB education opportunities
- TB products

- TB medical consultation
- TB mini-fellowships

Heartland

Panel Physician



[HOME](#)

[TB STIGMA](#)

[TRAINING](#) ▾

[CONSULTATION](#)

[PRODUCTS](#)

[ABOUT US](#)

The University of Texas at
TYLER Health Science
Center



Let's Network!!





**National Tuberculosis
Controllers Association**

THANK YOU

Diana Fortune BSN RN

dfortune@tbcontrollers.org