

# NAVIGATING LATENT TB

A JOURNEY WITH THOUGHTS AND LINGERING QUESTIONS

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April 9th, 2024 10:30am



WISCONSIN  
**TB SUMMIT**



# WISCONSIN TB SUMMIT SPONSORS





NOVEMBER 15, 2021

Every journey needs a map...



# WELL-EQUIPPED FOR JOURNEY

- Medical Laboratory Scientist
- RN, BSN
- Access to healthcare
- Insurance (to an extent)
- Capable of navigating systems
- Reliable transportation
- Otherwise healthy

# THE FIVE A'S OF ACCESS

(PENCHANSKY AND THOMAS ,1981)

**Availability**

**Accessibility**

**Accomodation**

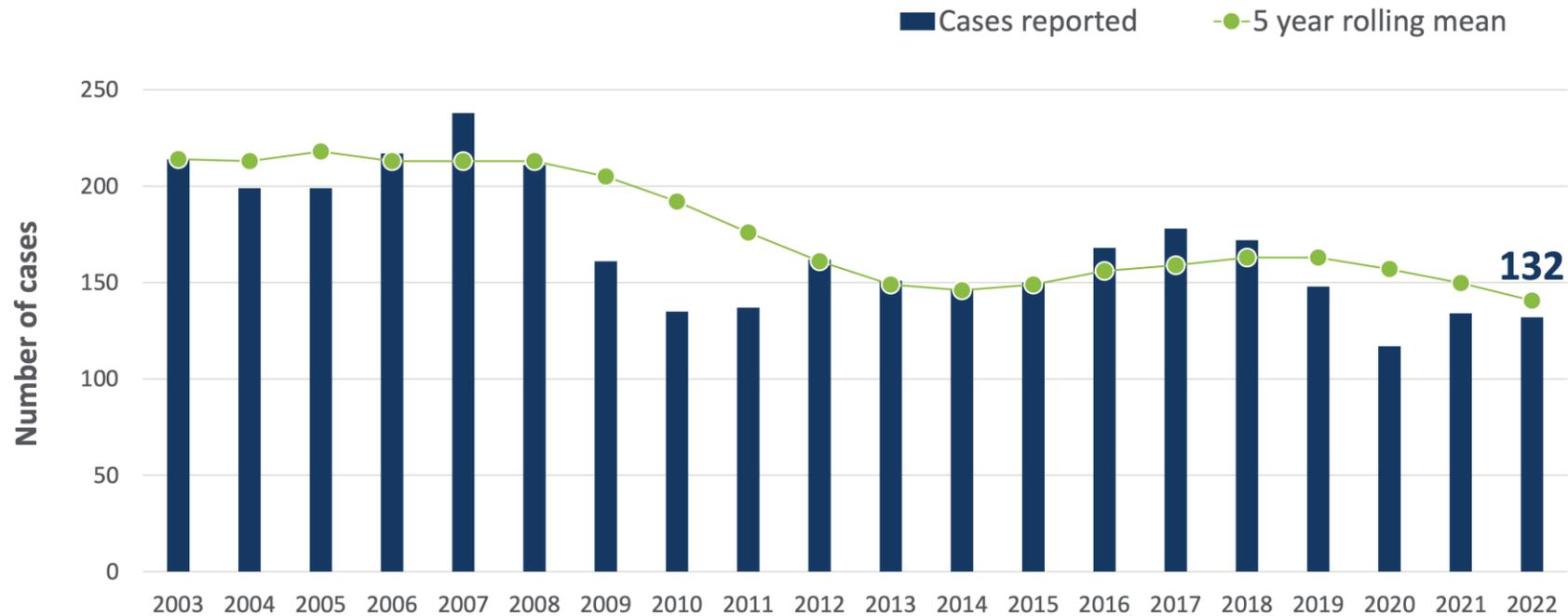
**Affordability**

**Acceptability**

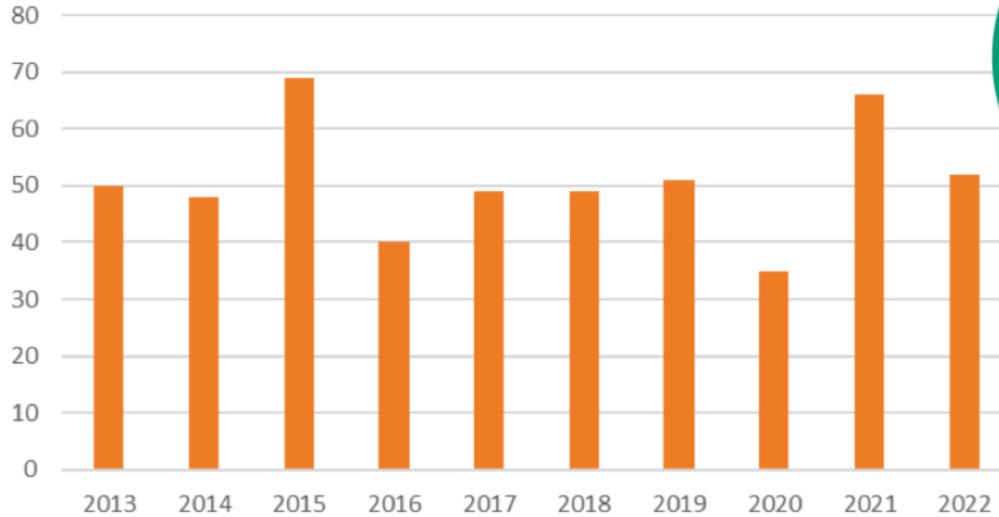
# REALLY? ME? IN MINNESOTA?

Nov 15, 2021 3:37 pm	TB Test (T-Spot)	Positive 	SeeBelow	Abnormal
Nov 15, 2021 3:37 pm	TB Test Nil Control (T-Spot)	Passed		
Nov 15, 2021 3:37 pm	TB Test Panel A (T-Spot)	2		
Nov 15, 2021 3:37 pm	TB Test Panel B (T-Spot)	15		
Nov 15, 2021 3:37 pm	TB Test Positive Control (T-Spot)	Passed 		

## Active TB Cases Reported Annually Minnesota, 2003-2022



Tuberculosis Cases, Wisconsin 2013-2022



**52**  
cases of  
tuberculosis were  
reported in  
Wisconsin in 2022



### Case average

Wisconsin has had an average of 51 TB cases per year during the past 10 years.



### Multi-drug resistance

Wisconsin's rate of multi-drug resistant TB is one of the highest in the U.S. Wisconsin treated 16 patients with MDR-TB in the past 10 years.



### Deaths

In 2022, 5 people died from TB or complications of the disease.

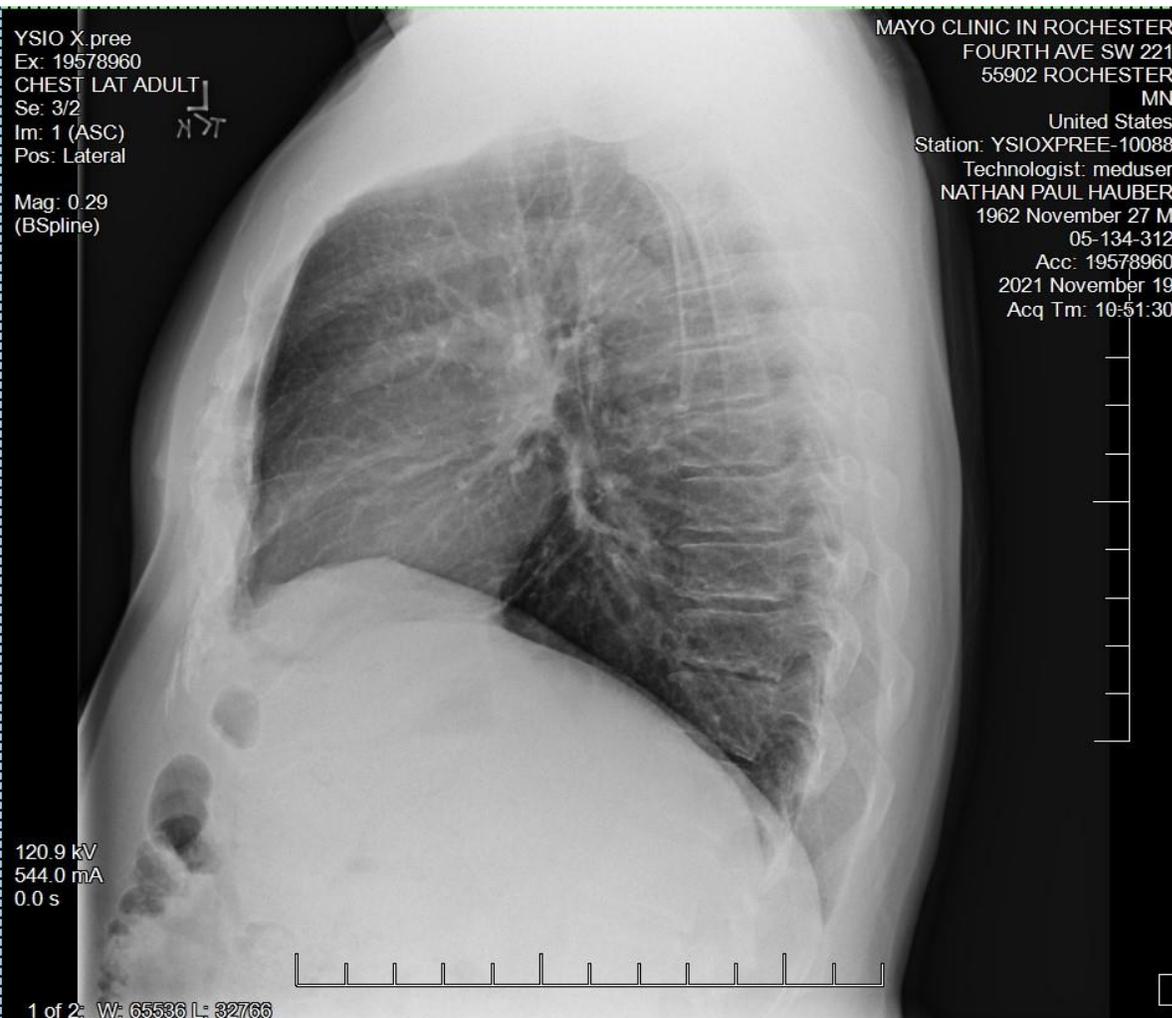
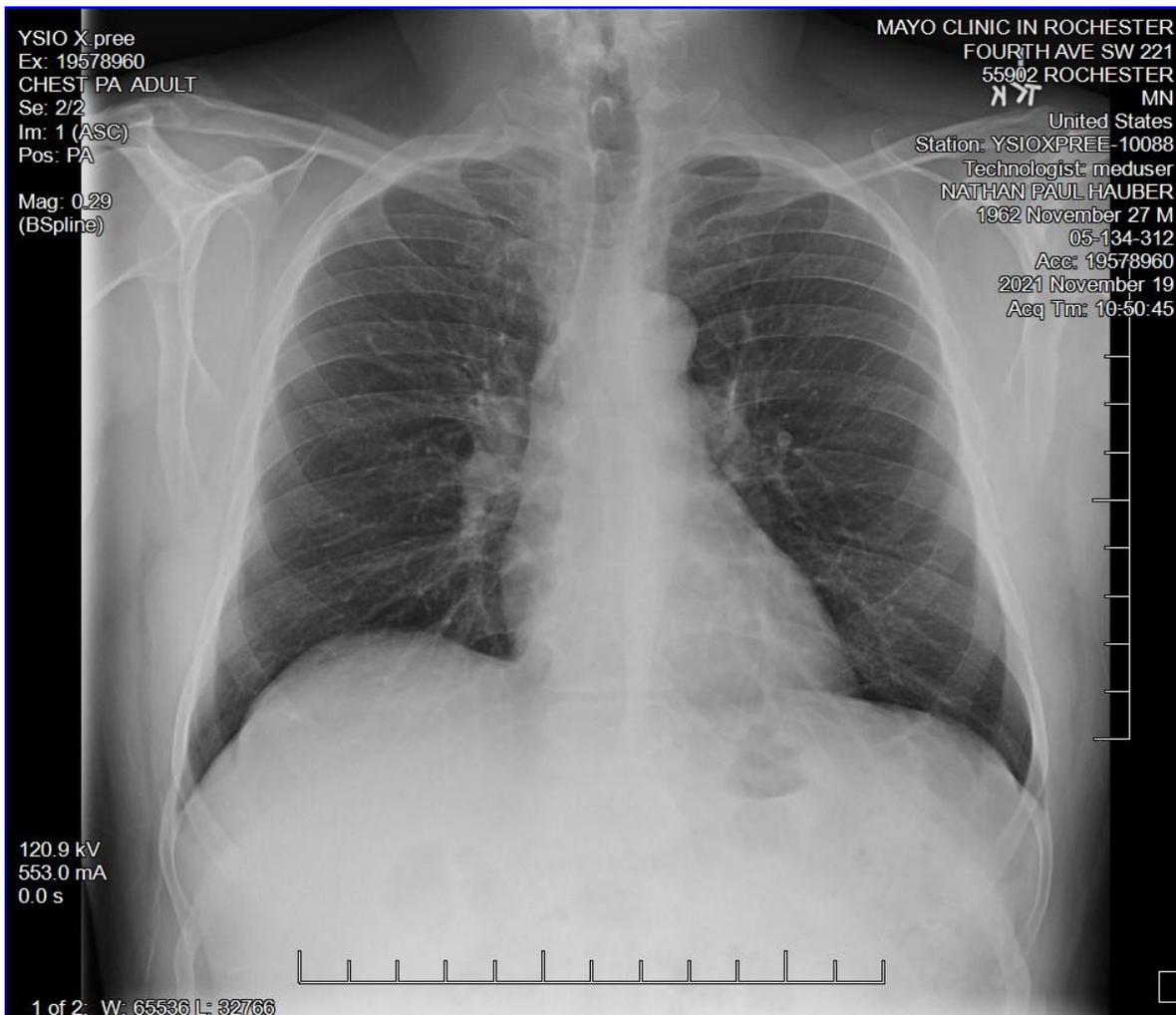


# NOW WHAT?



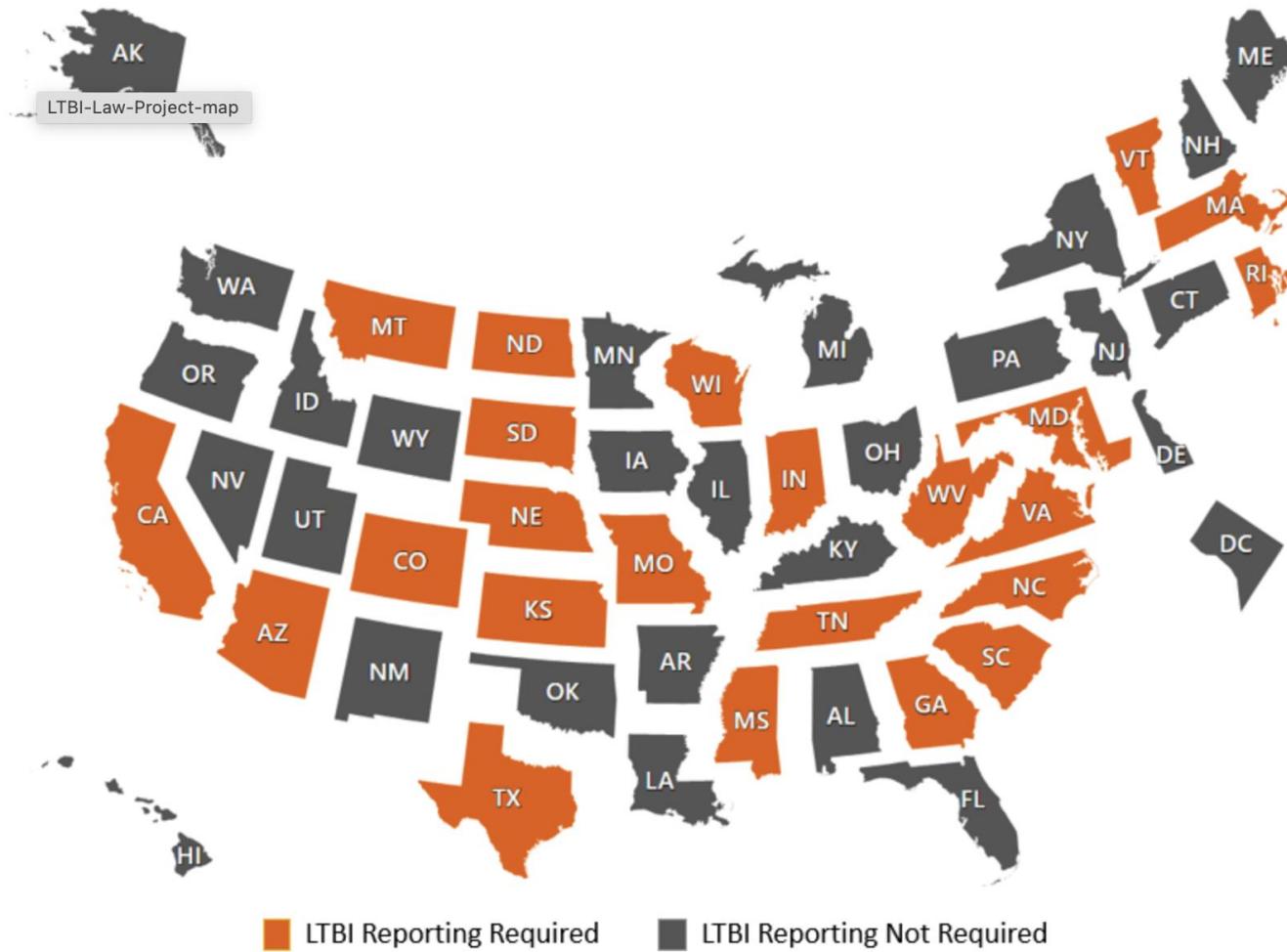
NOVEMBER 19, 2021

# PHEW!





## Map of LTBI Reporting Laws, by State



<https://www.cdc.gov/tb/publications/lbtlbiresources.htm>



DECEMBER 4, 2021

Healthcare coverage in transition



**Public Health**<sup>®</sup>  
Prevent. Promote. Protect.



**JANUARY 5, 2022**

Finally, establish care with new provider, got referral to Infectious Disease in Duluth and...

**JANUARY 14, 2022**

**Treatment last!**



- My reasons in deciding to be treated- fear of progression w/asthma trtmt or later in life, fear of becoming complicated- drug interactions
- Choice of regimen: Fear of Isoniazid side effects
- The excitement was misplaced and wore off quickly
- Only 8-day supply from Walmart and more was not readily available
- The fascination and novelty of red pee wore off quickly



AT WEEK TWO...



And then the profound depression  
and despondency...



## ...WEEK FOUR

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02/17/2022 3:43 pm

18.7 ng/mL L



Comment:

Interpretation:

Deficiency: <20 ng/mL

Insufficiency: 20-30 ng/mL

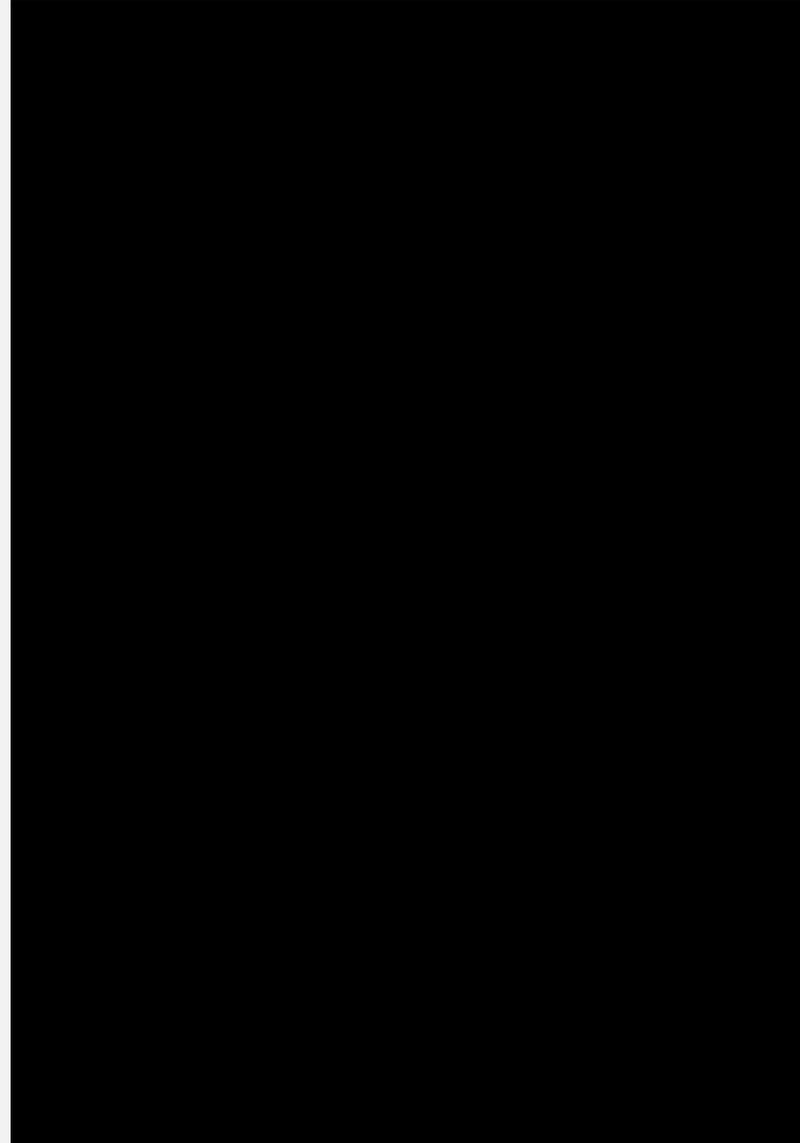
Optimum Level: 30-80 ng/mL

Toxicity: >100 ng/mL

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# THE CHALLENGES ADD UP

THE SHIP'S  
LADDER STAIRS





**THE "DEXTER" SHOWER**



APRIL 12, 2022

Things are looking up....

## 25-Hydroxy Vitamin D Total

Results

Download

04/12/2022 8:36 am

44.4 ng/mL



Comment:

Interpretation:

Deficiency: <20 ng/mL

Insufficiency: 20-30 ng/mL

Optimum Level: 30-80 ng/mL

Toxicity: >100 ng/mL



**APRIL 22, 2022**

...but after 11 weeks, bone healing is glacially slow.





MAY 13, 2021

One of the most triumphant days of my life-

**NO MORE RIFAMPIN!**

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**Availability**

**Accessibility**

**Accomodation**

**Affordability**

**Acceptability**

# QUESTIONS AND THOUGHTS

- As a patient and nurse, I was surprised by the lack of concern or response to my LTBI. If most cases of active Tb come from LTBI, why isn't LTBI reportable in all states?
- What do far less advantaged people do?
- Given the length and potential difficulty of the treatment regimen, I think it would take a substantial relationship (substantial credibility, trust, cultural understanding, etc), great patient education, and generous resources (to lower barriers and incentivize) to successfully treat Tb.
- What's their "why"? Family? Community? Self?
- Focus on the end goal and plan the achievement celebration!

# THE FUTURE HAVING HAD TREATMENT FOR TB

- As a PHN, I think I would personally approach a Tb case with great caution as I'd rather not have to experience the treatment again
- I am happy to share my experience for the benefit of other patients
- What this means for my own health moving forward and across my lifespan

**QUESTIONS  
& ANSWERS**



# SESSION EVALUATION

Please complete the session evaluation using the QR Code or link below.

We appreciate your feedback!

Add QR code and link here for the  
corresponding session date