



TB TID-BITS

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All links in this electronic newsletter are live.
Press Ctrl + Left click on the links to access the websites.

TB-Forms Webinars Posted at tb.in.gov

The webinar training for TB Forms is now available. You may access these TB Forms training webinars from two places:

1—Local Health Department Resource site at <https://myshare.in.gov/ISDH/LHDResource/Public%20Health%20and%20Preparedness%20Conference%20Call%20Age/Forms/Standard.aspx>
Then select “TB” from the menu across the top, next click on “Shared Documents” on the left.

2—TB Website at www.TB.in.gov click on left “Webinars.”

IN-TRAIN

TB Skin Test Training via IN-TRAIN was launched in January 2015. This training is free for all Local Health Department Nurses. Once the didactic portion of the training is completed (online), you contact your Regional TB Nurse Consultant to arrange a time for the practicum i.e.

giving and reading a skin test, to complete your validation. Your proof of validation is a printed certificate from INTRAIN that your Regional Nurse will sign after you complete the practicum successfully. IN-TRAIN also keeps track of all classes you take; there are many learning opportunities there beyond the skin test training. All you need to do to get started is register with IN-TRAIN. You will be given a user ID and then you can get started. Instructions for registering with IN-TRAIN are included as a separate attachment in this email. Please contact ISDH TB Control if you have any questions.

The TB Skin Test Training is divided into the following learning modules:

- Module 1—History of Tuberculosis
- Module 2—Transmission and Pathogenesis of TB
- Module 3—Testing for TB Infection (LTBI) and TB Disease
- Module 4—Treatment for TB Infection (LTBI) and TB Disease
- Module 5—Prevention and Control

MALDI-TOF for the Identification of MTBC and NTMs

The Indiana State Department of Health (ISDH) TB Laboratory is pleased to announce the recent implementation of a new method for identifying Non Tuberculous Mycobacteria (NTMs), as well as *Mycobacterium tuberculosis* complex (MTBC). Matrix-Assisted Laser Desorption Ionization-Time of Flight Mass Spectrometry (MALDI-TOF) uses a UV laser to analyze the protein spectrum, or “fingerprint” of different species of bacteria. This protein spectrum is then compared to a library of other patterns from known mycobacterial species to give an identification of the culture.

MALDI-TOF is a replacement for the HPLC method previously in use. Its primary advantage is that it can better differentiate between very closely related Mycobacteria species with a higher degree of accuracy. In addition, cultures with unusual species will be able to be positively identified more often, rather than being reported out as “M. species, not MTBC.”

MALDI-TOF analysis will be performed on cultures grown from a variety of specimen types, including sputum, as well as on isolates received from hospital and reference laboratories. ISDH Lab is excited to implement this new methodology. We will continue to investigate the most up to date testing capabilities in order to contribute to the reduction and elimination of new TB cases in Indiana.

Greetings from Purdue University Pharmacy

The staff at Purdue Pharmacy wish you a happy and joyous New Year! We are looking forward to continue our work as part of your team to provide efficient and proper treatment of tuberculosis for the citizens of Indiana. Please don't hesitate to contact us with any questions or concerns you may have. Please use our toll free phone number: 888.850.0037.

A few reminders on the process of obtaining medications from Purdue Pharmacy that may streamline your workflow and reduce questions.

- 1) When contacting us with new orders for either an LTBI or active TB patient, the PRESCRIBING MEDICAL PROVIDER must contact us directly with the prescription drug orders. Only if the prescriber IS the LHD health officer or a contracted physician with the health department may the LHD nurse call in the prescription orders. The prescribing medical provider can contact us by the above toll free phone number OR can send the drug orders via electronic prescription (if their office has that technology). FAXED prescriptions are not acceptable. Having the LHD call in the orders received from a non-health department office prescriber is NOT a legal way to transmit the order.
- 2) The most efficient way for both the LHD and the Purdue Pharmacy to handle refill requests for medication is to use the SWIMMS task list and request the refill electronically. You will find the “Refill Rx” button on the Medication Management page. (This page is within the Report of TB or LTBI). An alternative is to fax a refill request if there are several patients or the SWIMMS system doesn't seem to be working. Please use the fax number 765.496.6094 for REFILL REQUESTS ONLY. **See additional refill request information in What Would You Do on page 4**

We are always working to provide the best pharmaceutical services possible and welcome your input.

Thank you!

Nicole Noel, Director, Purdue University Pharmacy

Mary Grable, Assistant Director, Purdue University Pharmacy

TB Conference in Fort Wayne—October 2014

If you weren't able to attend the TB Conference in Fort Wayne last October, you missed some great speakers discussing important topics, including TB and Hepatitis, and TB and Diabetes. Unfortunately, the conference wasn't recorded, but the presentations can be viewed here: <http://centerfortuberculosis.mayo.edu/tb-clinical-intensive---ft-wayne-sept-30--oct-2-2014.html>

For those of you looking for more from the patient's perspective, the Allen County Health Department has produced the following videos featuring three of their former TB patients. One was viewed at the conference.

Burmese with English subtitles <https://www.youtube.com/watch?v=PAa4VfkOZj0>

English https://www.youtube.com/watch?v=0_v8Rbc7it0

Spanish with English subtitles <https://www.youtube.com/watch?v=-6OfTdpntxw>

Personnel Changes at ISDH TB Control

2014 brought many personnel changes to ISDH TB Control. Here's a brief run-down of the people we've said good-bye to and the people who have joined us.

Hello

Jill Brock

Jill is the newest ISDH Regional TB Nurse Consultant. She's not new to TB however, having worked as a Public Health Nurse in Jackson County for many years. She replaced Barbara Weber-White who retired in 2014 after many years of service to the state of Indiana's TB program. Jill works primarily with counties in the southern part of the state, but like her fellow Regional Nurses, Joy Hardacre and Dawn Sipes, she helps where help is needed.

Ibrahim Dandakoye

Ibrahim is our new Refugee Health Coordinator. He was born in Niger, but has lived in the United States for several years. He comes to us from the Marion County Public Health Department. He's just getting started in his new role, and we welcome him with open arms.

TB Epidemiologist

Candidates are currently being interviewed for this position.

Goodbye

Meredith Upchurch

Meredith resigned her position as Refugee Health Coordinator in 2014. But have no fear, even though she is no longer working with us, she continues to advocate for refugees and immigrants.

Kristie Champion

Kristie also resigned in 2014, after one year as our TB Epidemiologist. She pursued an opportunity in another state, and we wish her all the best.

******Updating the TB Manual******

ISDH TB Control is in the process of updating the TB Manual. If you have any comments on how the manual could be more user friendly for you, please let us know. Also, let us know what you find particularly useful (so we don't change those parts). Tell us what is not included that would be beneficial to you (things you search the TB Manual for, but don't find there). What parts do you reference the most? Etc.

Homelessness and TB Toolkit

The Curry Center has developed a toolkit for health care providers working with the homeless population. Some of the articles and videos are specific to TB, but many are broader in context. This is an excellent resource for any public health nurse who is encountering a TB patient with the extra hurdle of being homeless.

<http://www.currytbcenter.ucsf.edu/homelessnessandtbtoolkit/index.html>

INH & Rifapentine available for LTBI Therapy 4

ISDH TB MANUAL IS ONLINE!

<http://www.TB.in.gov>

Don't forget that Purdue can supply INH and Rifapentine (RPT) for the 12-week regimen to treat LTBI. Yes, it does have to be directly observed, but it's only 1x/week for only 12 weeks! Marion County uses this regimen regularly, especially with their homeless population. If you'd like to learn more about Marion County's experience using the regimen, call Monica Heltz at 317-221-7432.

State of Indiana TB Control Program

2 North Meridian Street
Indianapolis, IN 46204
Phone: 317-233-7434

Fax: 317-233-7747

Website:
<http://www.TB.in.gov>

E-mail:
tbcontrol@isdh.in.gov

What Would You Do? (answer)

You have a new LTBI (Latent TB Infection) patient. The prescribing physician e-scripted the order for nine (9) months of INH 300mg daily to Purdue Pharmacy. You received a one month supply of the medication from Purdue which you distributed to your patient. You would like to have a bottle ready for the patient at the end of the first month of therapy. How long do you need to wait to request the next bottle of medication?

ISDH TB Control/Refugee Health Staff

Sarah Burkholder—Director

Midia Fulano—Chief Nurse Consultant

Joy Hardacre—TB Regional Nurse Consultant (field)

Dawn Sipes—TB Regional Nurse Consultant (field)

Jill Brock—TB Regional Nurse Consultant (field)

Lori Mathews—Administrative Assistant

Open Position—Epidemiologist

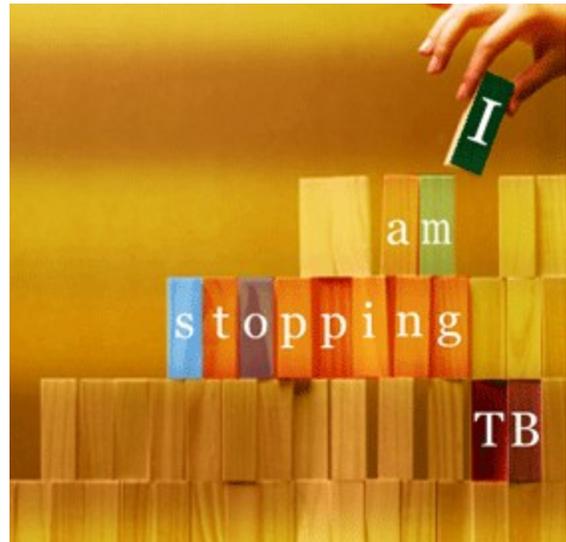
Swamy Buddha—IT Developer

Ibrahim Dandakoye—Refugee Health Coordinator

Lian Sang—Refugee Health Intern

Barbara Weber-White—Health Education (very part time)

Helen Townsend—Health Education (very part time)



<http://www.cap-tb.org/event/world-tb-day-2015>

What Would You Do? (answer below)

You should order the next month's medication about **one week** before your patient is ready to pick up a new bottle. Why? One of the reasons Purdue Pharmacy is part of the TB team is we are trying to cut down on having too much medication on hand and sometimes having to waste meds (ex—patient has an adverse reaction, patient is lost to follow up). Purdue tries to get refills out the day of the refill request, or if that's not possible, the day after. This should give you plenty of time if you order a week before you actually need the meds. As always, if you run into a special circumstance (ex—forgot to request a med refill), you can always call Purdue to work out a solution. —If you request a refill immediately after you receive a bottle of medication, Purdue will most likely assume you didn't get the bottle that was just sent. —Purdue cannot hold on to early refill requests and send refills later.