Dear Colleagues:

This past fall, we had a Contact Investigation and Interviewing Skills course in Chicago and Clinical Intensives in Michigan and Rochester. We provided over 400 consultations in 2016, the highest number of annual consults for the TB Center in any year. We were also pleased to launch our Tuberculosis Management Resources for the Emergency Department product in September.

Looking ahead to 2017, we begin the year with two activities in March. The first is a Clinical Intensive course in Casper, Wyoming on March 2 and 3. The second is a TB Summit in Verona, Wisconsin, on March 30. In addition to our monthly webinars, a CDC co-sponsored MDR webinar is scheduled for June 15 of this year.

People

Spotlight:
As a way for us all to get to know one another better, we are highlighting one regional TB Controller per issue and providing some interesting information about that person. This month, we are pleased to tell you about the TB Controller from Minnesota, Sarah Gordon.

About Us

The Mayo Clinic Center for Tuberculosis is one of five facilities designated by the U.S. Centers for Disease Control and Prevention (CDC) to serve as a regional training and medical consultation center. Mayo Clinic Center for Tuberculosis is committed to providing comprehensive resources to prevent, control, and treat tuberculosis.
Sarah Gordon, MPH, EMT-B

Sarah is the TB Prevention and Control Program Manager for the Minnesota Department of Health. She’s been in her position as State TB Controller since 2014, but with the Department since 2001, serving first in the role of Disease Intervention Specialist and then coordinating the programs of HIV Testing, Syphilis Elimination, and Syringe Services. Sarah is very proud to oversee a dynamic TB team that handles over 150 cases of tuberculosis a year in a state that is honored to be the home of the nation’s largest Somali community and 2nd largest Hmong community, as well as sovereign ground to 11 Tribal Nations (7 Ojibwe reservations and 4 Dakota communities). The Minnesota Department of Health is committed to the advancing of health equity for all people in Minnesota, and the TB Program takes this work to heart in all they do.

When Sarah is not working, her favorite spot to be is along the northern shores of Lake Superior with family, which always includes a furry four-footed hiking companion.

**Education Activities**

The Mayo Clinic Center for Tuberculosis offers a wide variety of educational products to meet our learners’ needs. Please visit one of the links below to learn more about our educational offerings.

- Upcoming Courses
- Products
- 2017 Education Calendar
- Mini-fellowship Application
- Course Archives

In 2016, the Mayo Clinic Center for Tuberculosis provided over 175 hours of education to almost 2000 participants. Live education activities were provided in 6 states of the 11-state region. MCCT provided 6 webinars and provided speakers for 11 events. In addition to these education activities, the Mayo Clinical Center for Tuberculosis provided just-in-time training on several complicated case medical consultation calls and individualized training through a reverse mini-fellowship.

In 2017, the Mayo Clinic Center for Tuberculosis has the honor of leading a collaborative effort with the CDC and all of the RTMCCs on a joint project to provide a series of trainings in the United States Affiliated Pacific Islands, USAPI. These trainings are in response to the ongoing MDR outbreak and related issues in the USAPI. The following five courses will occur during 2017:

- Tuberculosis Clinical Intensive (Guam)
- Tuberculin Skin Test Train-the-Trainer (Guam)
- TB Case Management and Contact Investigation Intensive (Hawaii)
- TB Case Management and Contact Investigation Intensive (American Samoa)
- Pacific Island TB Controllers Association (PITCA) Conference (Hawaii)

**2017 Courses**

*Our 2017 calendar is filling quickly. Please contact us as soon as possible if you wish to plan a course.*

**Winter 2017 Education Highlights:**

**Live courses:**

- March 2 and 3 - [Clinical Intensive](#), Casper, Wyoming
- March 20 – MI World TB Day Celebration, Lansing, MI
- March 23-24 – Clinical Intensive, Guam
- March 30 - [TB Summit](#), Verona, Wisconsin
- May 3-4 - White Earth Summit, Mahnomen, MN
Webinars:
- March 29 - IL World TB Day Webinar
- Monthly webinars, usually scheduled on the second Wednesday of the month
- June 15 - MDR Webinar

Fall 2016 Activities Included:

Live courses:
- September 29-30 - Tri-State Clinical Intensive in Dearborn, Michigan
- November 3 - TB Summit in Appleton, Wisconsin
- November 30 through December 1 – Clinical Intensive Course in Rochester, MN

Webinars:
- September 14 – Tuberculosis and Biologics, Speaker: Dr. Leonard H. Calabrese, D.O.
- November 9 – Case Studies in Pediatric TB and HIV Co-Infection, Speaker: Kiran Belani, M.D.

Product Updates

The Mayo Clinic Center for Tuberculosis Knowledge Base – The Knowledge Base is a comprehensive Internet Point-of-Care tool that allows health care professionals to access various information sources to answer tuberculosis questions that arise in clinical practice. You will find the main tuberculosis topics available by typing in a search term. We are currently working on some mini topics such as extrapulmonary TB, pulmonary tuberculosis types, mental health and substance use/abuse, and nutritional support. There are currently 66 live records.

Tuberculosis Management Resources for the Emergency Department – This online resource is designed to provide emergency department professionals with useful information about TB. This product began its field testing on July 28, and was launched in September. There are four major areas:
- Think TB: This decision tree helps ED personnel determine if tuberculosis should be suspected when a patient arrives in their emergency department and the procedures they should follow.
- Managing TB: This second decision tree discusses management of patients who arrive at the emergency room because of complications of tuberculosis or with side effects to anti-tuberculosis drugs.
- Public Health Resources - Reporting and General Information: This page displays contact information for state and local TB offices as well as reporting forms.
- A Deeper Dive – In this section, users can find links to other sites for more in-depth information about TB: TB Basics, TB Detection, and TB Management. Each of these areas is divided into subcategories of Guidelines, Training, Slide Sets, Fact Sheets and Checklists, Posters and Wall Charts, Handouts and Patient Materials, Electronic Tools, and Other Sources.

Also included on the landing page is a sample letter that state health departments can edit and send to emergency department personnel when there is an outbreak in their area. This sample letter includes symptoms to watch for and groups that are at higher risk of TB.

To access this resource, please see the Tuberculosis Management Resources for the Emergency Department on our website.

Medical Consultations

The consultation staff at the Mayo Clinic Center for Tuberculosis responded to 415 consultation requests in 2016, up 20% from last year. Use our consultation services for answers to perplexing questions you have regarding care of your tuberculosis patients. Our top experts in the fields of infectious disease, general internal medicine, pediatric infectious disease, pharmacy-medical therapy management, clinical microbiology, and public health
nursing will combine to provide you answers. To request a consult, complete the Consultation Form on our website consultation page or click the image to the right, save it to your desktop, and attach it in an email addressed to TBCenter@mayo.edu. Consultations are provided for the states of Illinois, Indiana, Iowa, Michigan, Minnesota, Montana, North Dakota, Ohio, South Dakota, Wisconsin, and Wyoming.

Journal Articles and Publications
- **Journal of Clinical Tuberculosis and Other Mycobacterial Diseases**
  Infection of an axillo-bifemoral bypass graft following intravesical bacillus Calmette–Guerin (BCG) immunotherapy for urothelial cancer due to Mycobacterium bovis and Staphylococcus aureus
- **The Lancet – Infectious Diseases**
  Mortality in children diagnosed with tuberculosis: a systematic review and meta-analysis
- **American Thoracic Society/Infectious Diseases of America/Centers for Disease Control and Prevention**
  Official American Thoracic Society/Infectious Diseases Society of America/Centers for Disease Control and Prevention Clinical Practice Guidelines: Diagnosis of Tuberculosis in Adults and Children
- **CDC**
  2015 Surveillance Data on Reported Tuberculosis (TB) Cases in the United States.
- **Curry International Tuberculosis Center**

State News
**Minnesota:** The Minnesota Department of Health has updated more patient information sheets. They now offer all three LTBI treatment regimens in up to 17 different languages. To view these, please click on the URL below.

If you no longer wish to receive our newsletter, please click Unsubscribe. Questions or Comments? Email us at TBCenter@mayo.edu