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FACULTY

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**Penn State Children's Hospital
Hershey, Pennsylvania**

George McSherry, MD
Chief, Pediatric Infectious Disease Division

TB INTENSIVE WORKSHOP

SEPTEMBER 13-16, 2011

CNE/CME CERTIFIED ACTIVITY

Course Location

New Jersey Medical School Global Tuberculosis Institute

225 Warren St. 1st Floor

Newark, New Jersey

Sponsored By

**University of Medicine & Dentistry of New Jersey (UMDNJ),
New Jersey Medical School Global Tuberculosis Institute, and
UMDNJ-Center for Continuing and Outreach Education**

This activity is supported in part by an educational grant from the Centers for Disease Control and Prevention, Division of Tuberculosis Elimination

The New Jersey Medical School Global Tuberculosis Institute is the tuberculosis Regional Training and Medical Consultation Center for the northeastern United States

COURSE DESCRIPTION & OVERALL GOAL

The purpose of this training is to provide clinicians with comprehensive information on the management and treatment of TB. Topics will include epidemiology, transmission & pathogenesis, diagnosis and treatment of TB, TB in children and adolescents, multi-drug resistant tuberculosis, TB/HIV co-infection, surgical treatment of TB, infection control, and key aspects of patient management. The format includes lectures, discussions, small group work, and case studies.

WHO SHOULD ATTEND

This workshop is designed for physicians, nurses and healthcare professionals who are involved in the management of patients with TB, supervise those who provide care for TB patients, or are TB control staff responsible for program management.

Individuals who work in the following settings would benefit from attending this workshop:

- TB Programs
- Health Departments
- Hospital Infection Control
- Correctional Facilities
- Long Term Care Facilities
- Immigrant & Refugee Health
- Community Health Settings
- College or University Health Services

WHY COURSE IS NEEDED

As the incidence of tuberculosis continues to decline, maintaining clinical and public health expertise in TB is particularly challenging. Therefore, ongoing training and education are important for healthcare providers so they can develop and enhance skills in the diagnosis of TB, follow recommended treatment guidelines, and interact effectively with public health agencies. This

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UMDNJ - NJ Medical School
Newark, NJ

Paul Bolanowski, MD
Associate Professor of Surgery
Amee Patrawalla, MD
Associate Professor of Medicine

PLANNING COMMITTEE

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MEMBERS

Lillian Pirog, RN, PNP
Nurse Manager, Lattimore Practice

DJ McCabe, RN, MSN
Trainer & Consultant, Clinical Programs

Beth Hurley, MPH
Training & Consultation Specialist

type of training is also important for new clinicians working in TB control or other settings.

OBJECTIVES

Upon completion of this workshop, participants will be able to:

- Interpret the global, national, and local epidemiology of TB to better screen and treat groups that are at high risk for TB.
- Apply current recommendations for diagnosing and treating latent TB infection and TB disease to prevent transmission and primary drug resistance.
- Apply current standards of practice in the diagnosis, treatment, and management of TB in children to ensure successful outcomes.
- Manage medication side effects in TB patients in order to decrease the risk of toxicity and ensure completion of therapy.
- Monitor response to treatment for patients with drug resistant disease and assess the need for surgical interventions to increase cure rate.
- Develop individualized behavioral and case management strategies to promote adherence in patients taking TB medications.
- Apply the fundamentals of contact investigation in assessing potential TB exposure and transmission in the community.
- Coordinate management of patients with TB-HIV co-infection to minimize drug-drug interactions and promote continuity of care.
- Identify appropriate infection control measures along the continuum of care, including inpatient care, discharge planning, and return home, which prevent transmission and future cases of TB.

COURSE REQUIREMENTS

In order to meet the learning objectives and receive continuing education credits, participants are required to complete a pre-test, attend the entire course, and complete an evaluation form and a post-test at the end of the course. A post-course follow up evaluation will be sent within 2 months of the course.

AGENDA

Tuesday, September 13, 2011

8:30 am	Registration & Continental Breakfast
9:00 am	Course Overview - Lee Reichman, MD, MPH
9:45 am	Epidemiology of TB: Global, National, Regional - Edward Zuroweste, MD
10:45 am	Break
11:00 am	TB Transmission & Pathogenesis - TBD
12:00pm	Small group discussion
12:30 pm	Lunch
1:30 pm	Diagnosis and Treatment of Latent TB Infection - Amee Patrawalla, MD
2:30 pm	Break
2:45 pm	Laboratory Techniques for Diagnosing TB - John Bernardo, MD
3:45 pm	Interpretation of Chest Radiographs - Reynard McDonald, MD
4:30 pm	Adjourn

Wednesday, September 14, 2011

8:30 am Sign-in/Continental Breakfast
9:00 am Review of Day 1
9:15 am DNA Fingerprinting of *M. tuberculosis* -
- Barry Kreiswirth, PhD
10:30 am Break
10:45 am Diagnosis and Treatment of TB Disease
- Alfred Lardizabal, MD
12:00 pm Group exercise
12:30 pm Lunch
1:30 pm Management of TB in Children & Adolescents
- George McSherry, MD
3:00 pm Break
3:15 pm Approach to TB-HIV Co-Infection - Henry Fraimow, MD
4:30 pm Adjourn

Thursday, September 15, 2011

8:30 am Sign-in/Continental Breakfast
9:00 am Review of Day 2
9:15 am Case studies
9:45 am Improving Adherence to TB Treatment
- Lillian Pirog, RN, PNP
10:30 am Break
10:45 am Management of Drug Resistant TB
- Diana Nilsen, MD
12:00 pm Patient Advocacy
12:30 pm Lunch
1:30 pm Managing Adverse Drug Reactions
- Shu-Hua Wang, MD, MPH & TM
2:45 pm Break
3:00 pm Contact Investigation
- Mark Wolman, MPH
4:15 pm Adjourn

Friday, September 16, 2011

8:30 am Sign-in/Continental Breakfast
9:00 am Review of Day 3
9:15 am The Role of Surgery in the Management of TB
- Paul Bolanowski, MD
10:15 am Break
10:30 am Practical Aspects of TB Infection Control
- Mark Lobato, MD
11:30 pm Ask the Expert
12:00 pm Wrap up & Evaluation
12:30 pm Adjourn

CONTINUING EDUCATION INFORMATION

UMDNJ - Center for Continuing and Outreach Education is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

UMDNJ - Center for Continuing and Outreach Education designates this Live activity for a maximum of 21 AMA *PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

UMDNJ - Center for Continuing and Outreach Education is an approved provider of continuing nursing education by NJSNA, an accredited approver by the American Nurses Credentialing Center's COA. Provider Number P173-11/09-12. Provider Approval is valid through November 30, 2012.

This activity is awarded 21 contact hours. (60 minute CH)

Nurses should only claim those contact hours actually spent participating in the activity.

Provider approved by the California Board of Registered Nursing, Provider Number CEP 13780.

Approved provider status refers only to continuing education activities and does not imply ANCC COA or NJSNA endorsement of any commercial products.

UMDNJ - Center for Continuing and Outreach Education certifies that this continuing education activity meets the criteria for 2 Continuing Education Units (CEU'S), as defined by the National Task Force on the Continuing Education Unit, provided the activity is completed as designed. One CEU is awarded for 10 contact hours of instruction.

REGISTRATION INFORMATION & FEE

The fee for this course is \$100 and payment must be received prior to the course. Acceptable forms of payment are check or money order made payable to *NJMS Global Tuberculosis Institute*.

Please complete the application and return it before **August 26, 2011** to:

NJMS Global Tuberculosis Institute
PO Box 1709
225 Warren Street
Newark, NJ 07101-1709
Attention: DJ McCabe
Fax: 973-972-1064

Notification of acceptance and additional course information will be sent via email. Please be sure to provide a valid email address on the application form.

CANCELLATION INFORMATION

UMDNJ reserves the right to modify the activity content, faculty and activities, and reserves the right to cancel this activity, if necessary. There is no cancellation fee, however, registrants who are unable to attend may cancel up to 2 weeks prior to the course for a full refund. Refunds cannot be given to registrants who do not cancel in advance.

HOTEL & TRAVEL INFORMATION

Lodging is available at the Hampton Inn & Suites - Newark Riverwalk - in Harrison, NJ. The room rate is \$129.00 + 15% state and local taxes. Please call 973-483-1900 to make a reservation and mention TBW to get the group rate. Rooms are available on a first come, first served basis so please reserve a room ASAP. Complimentary bus transportation will be provided between the hotel and the conference site. The Hampton Inn has free airport shuttle service to and from Newark Liberty International Airport. When boarding the shuttle, make sure to specify that the Hampton Inn - Newark Riverwalk is your destination.

For additional program information, questions, or concerns or if you require special arrangements to attend this activity, please contact DJ McCabe at (973) 972-0978 or send an email to mccabedj@umdnj.edu.