

# *TB CASE ON CAMPUS*

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# *OBJECTIVES*

- | Show the importance of screening for TB in the college/university setting

## *PATIENT ORAL HISTORY*

- | 25 year old female from China
- | History of +TST
- | Developed hemoptysis and evaluated in Chinese hospital by physician father
- | HIV negative
- | No sputum tested in China
- | Diagnosis July 4, 2010
- | 3 drug therapy started day of diagnosis
- | Decreased to 2 drug therapy September or October 2010
- | Reported continual medication therapy with drugs sent from China

# PATIENT ORAL HISTORY (Cont)

- | To US August 2010 to enroll at local University
- | Lived in dorm environment/ private room
- | Home to China for Christmas break
- | Evaluated by father
- | CXR showed improvement

# PATIENT CLINIC HISTORY

- | To LHD April 6, 2011/ requesting CXR to determine need for continued treatment
  - LFT's drawn (WNL)
  - 3 sputum containers for collection (all found negative)
  - Scheduled for Chest Diagnostic Clinic
- | Evaluated in clinic April 14, 2011
- | Medical Records she presented written in Chinese
  - To Marshall University for translation April 2011
- | CXR 4-14-11 – “consistent with old pulmonary infection”

# PATIENT CLINIC HISTORY (cont)

- | Scheduled to come back in 3 months for follow-up CXR and evaluation
- | Returned to clinic September 8, 2011 for evaluation, denies symptoms
- | Repeat CXR “chronic scarring, no active inflammatory process”
- | Scheduled for follow-up CXR and medical evaluation February 2012

## *CHALLENGES:*

- ✓ No clear guidelines for presented case
- ✓ Interpretation of medical records
- ✓ Collaboration with university
- ✓ Cultural differences
- ✓ Uncertainty of adequate treatment due to:
  - ✓ No DOT
  - ✓ Questionable efficacy of foreign-provided drugs

## OUTCOMES:

- ✓ Ability to handle unusual case
- ✓ Awareness of need for public health/university collaboration
  - ✓ TB screening and testing guidelines
  - ✓ LHD reporting guidelines
- ✓ Awareness of need for close follow-up of patient due to questionable TB treatment

**THANK YOU!**

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