

LearnTB

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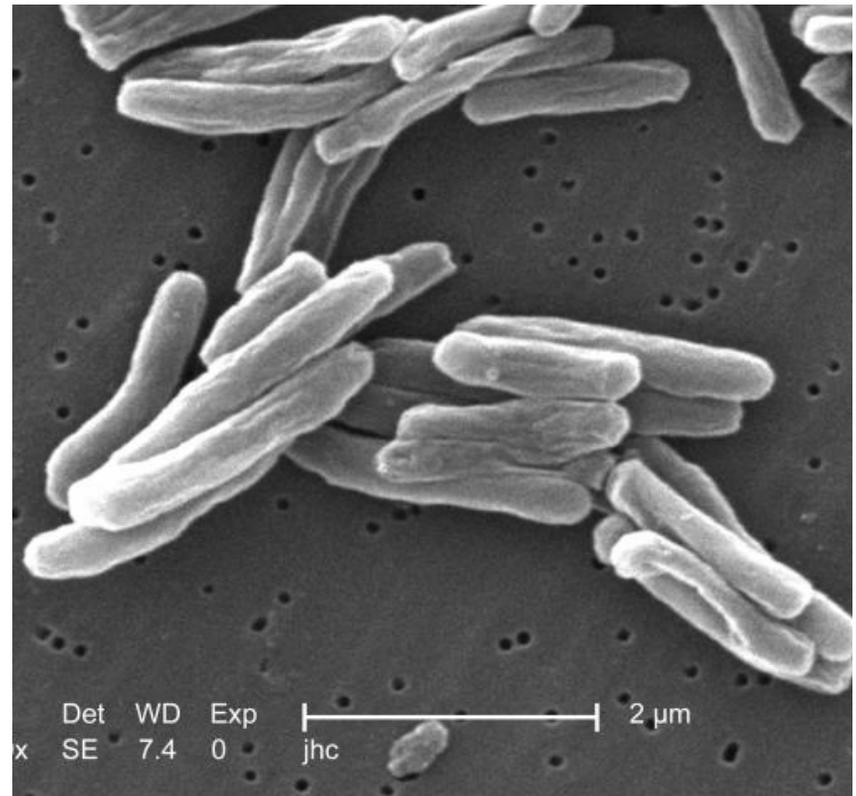
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TB: The Problem in India

- Over 5 million suffer from TB in India
- More new TB cases than any other country
(WHO Global TB Report 2006)
- Leading cause of mortality in India- 1,000 die daily
- 14% under TB treatment have developed resistance due to non-adherence to drugs



LearnTB: Solution through Education

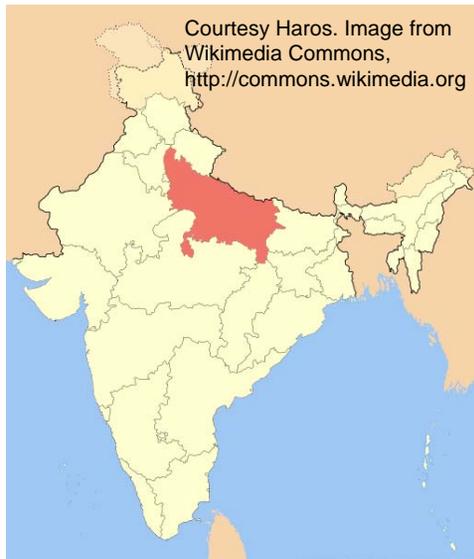
- Current DOTS

- Expensive
- Drug supply and direct management & observation
- Treating the problem after it occurs vs. preventing it

- LearnTB

- Inexpensive, instructive paper curriculum
- Targets school-aged children
- Dissemination by local teachers and children themselves
- Preventative, improves awareness in community

LearnTB: Our community partner



- Natpurwa, Uttar Pradesh
 - 150 families, 50% involved in prostitution
 - Asha Vidyalaya School with 85 students
- ASHA for Education
 - sets up schools and informal learning centers in underserved communities
 - Over 700 projects in India

LearnTB: The Innovation



- Prior educational models
- The curriculum
- Interactive and child-targeted with role-playing, comics, and crafts

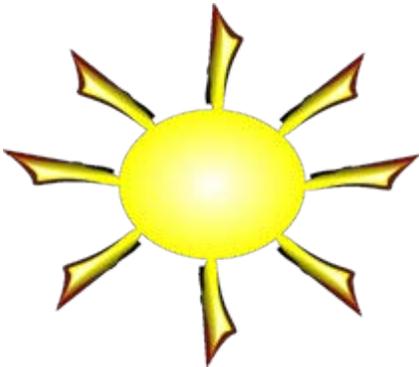
- 10 lesson plan/ 3 weeks
- 1. What is TB
 2. Mechanisms of disease transmission
 3. Symptoms & When to see a doctor
 4. How to prevent yourself from spreading TB to others
 5. The difference between TB infection and disease & How to test for TB
 6. Feelings about stigma
 7. How to care for oneself
 8. How to treat TB & Drug Resistant TB & The importance of adherence [Part 1]
 9. How to treat TB & Drug Resistant TB & The importance of adherence [Part 2]
 10. HIV & STDs



LearnTB: Implementation

- **June 1:** Completion of curriculum pamphlets at MIT
- **June-Aug:** Travel to Natpurwa and run 2 sessions of 10 lesson curriculum
 - Train teachers to implement
 - In between sessions, team will convene in New Delhi to revise materials
 - Visit TB clinics and possible new partner communities
- **Aug:**
 - Organize community event around TB awareness
 - Leave ASHA teaching materials
 - Put materials online

LearnTB: Where are we now?



- Preparation of Materials
- Funding
- Summer Logistics



Questions?

MIT OpenCourseWare
<http://ocw.mit.edu>

EC.715 D-Lab: Disseminating Innovations for the Common Good
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