

A web-based laboratory information system to improve quality of care of tuberculosis patients in Peru

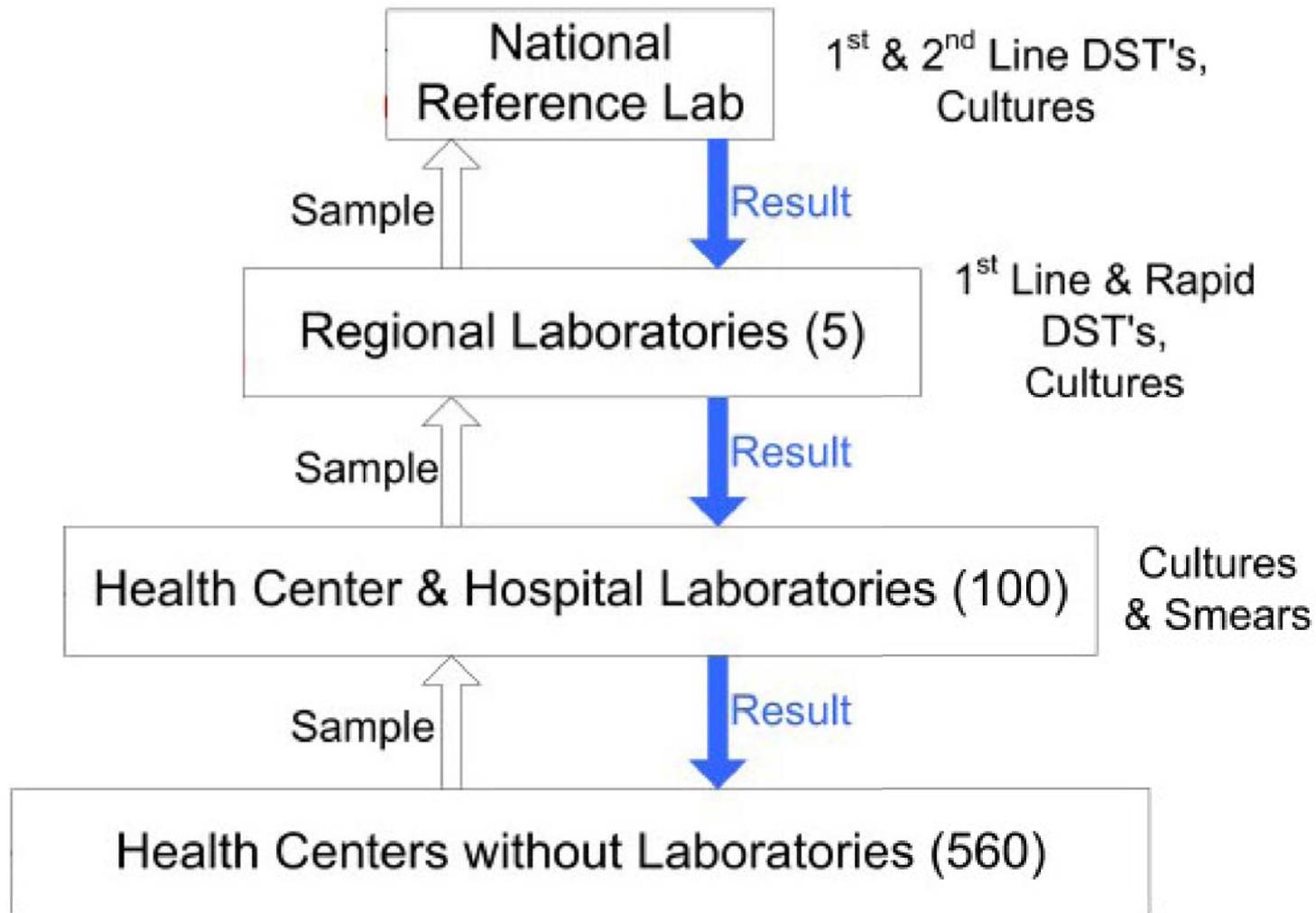
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Presentation by anonymous MIT student

Vision

Decrease turn-around-time and error of TB testing
using an electronic laboratory system

TB Workflow



Steps

- Ran needs assessment
 - What information was needed
 - How to fit it into current workflow
- Created system with stakeholders
- e-Chasqui^o
- Trained workers



Image: Wikipedia
(public domain)

News

- Fully implemented March 2006
- 99% of results viewed online
- Increased usage:
 - 2006 - 1865 views per day
 - 2007 - 4501 views per day
- \$0.53 per sample

Contributions

- Cut down turn-around-time to 8 days
- Help quality control
 - Double entry of patients
 - Reminders



Image: US CDC

Questions

How will your system will fit into current workflows?

Questions

Are you in contact with your stakeholders at all stages?

Questions

Have you thought about training?

Questions

What will make your users ^obuy in^o to your system?

Questions

Is your system a part of a larger structural improvement?

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