

Tuberculosis Control

Santa Barbara County

Board Presentation

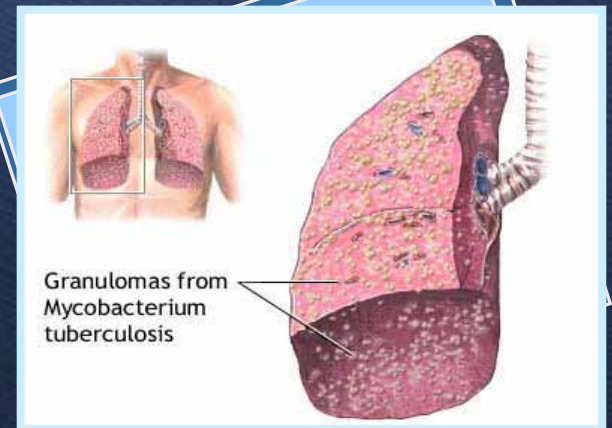
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Public Health Department

May 20, 2008

What Is Tuberculosis?

- A bacterial respiratory disease
 - Untreated can cause major disability and death
 - Preventable, treatable and curable with a long course of medications
- A disease required to be reported to the Public Health Department



What Is Tuberculosis?

- Seen in active and latent forms
 - Active TB Disease **is** often contagious
 - Latent TB infection is **never** contagious
 - 5-10% of those with latent TB will develop active TB in their lifetimes
 - The first 2 years after latent TB infection are the highest risk for progressing to active TB disease



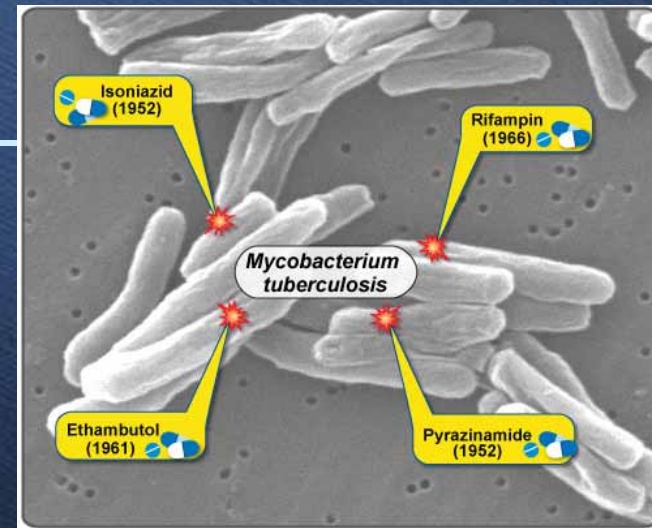
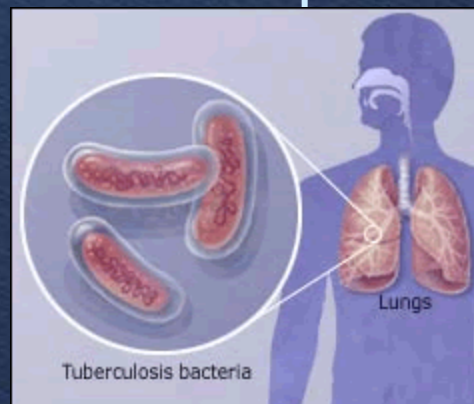
TB Chest X-Ray

Tuberculin Skin Test



What Is Tuberculosis?

- TB is treatable and curable in both *latent infection* and *active pulmonary disease* forms



How Does Public Health Respond to TB?

CDC Guidelines:

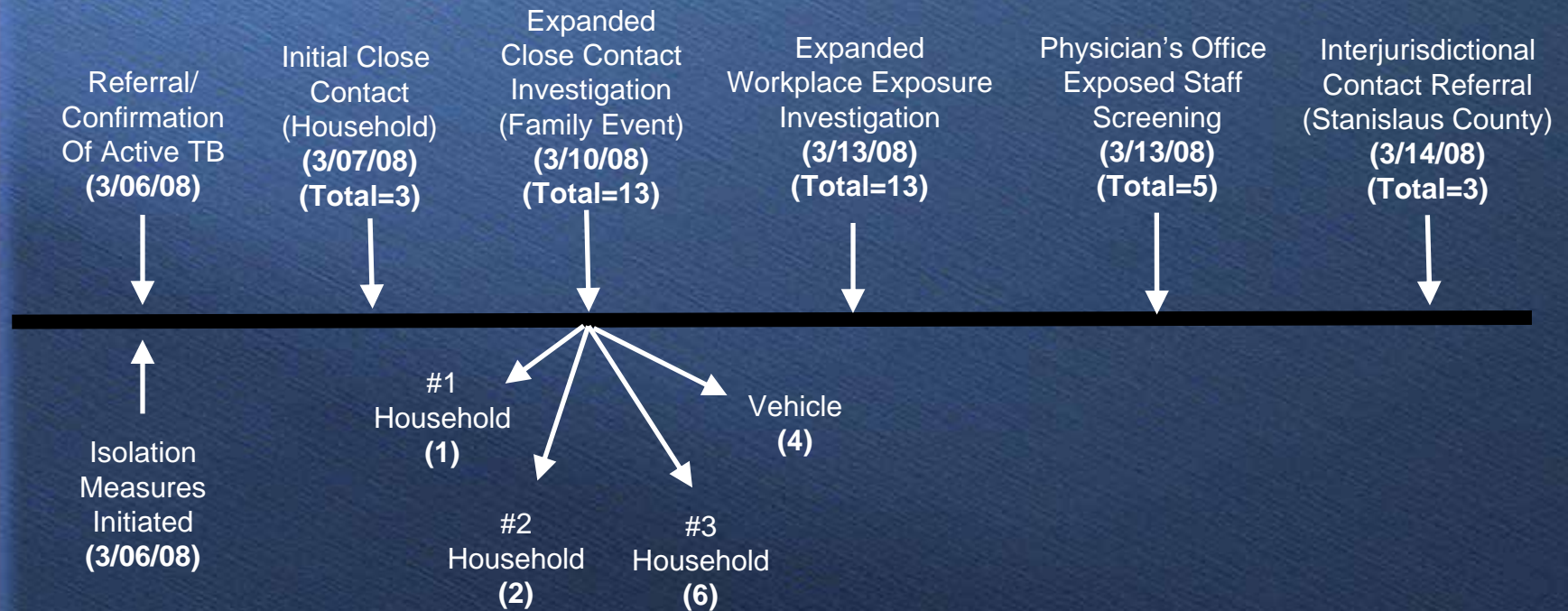
- Priority 1
 - Identify and treat individuals with active TB disease
- Priority 2
 - Test close contacts of active TB cases; treat those infected to prevent disease progression
- Priority 3
 - Infected children <3 yrs (source case finding)
 - Screen populations (in high risk settings) at high risk for active TB

Where does PHD Focus Its Screening Efforts?

- Homeless
- Incarcerated
- Individuals with suppressed immune systems (e.g., HIV)



TIMELINE: Investigating One Active TB Case



Total 37 Contacts Screened

1st Round: 36/37 Evaluated (TST & CXR)

2nd Round Due: May 1, 2008

Are We Making Progress in Stopping TB?



- The priorities for TB detection and treatment are working
- Progress is significant at national, state and local levels
- Active TB cases have steadily decreased since 1993
 - SB County Data

