

1 Problem

What	Problem(s)	Infants, healthcare workers exposed to TB
When	Date	September 1, 2013 - August 16, 2014
	Time	N/A
	Different, unusual, unique	Worker had active case of tuberculosis (TB)
Where	Facility, site	El Paso, Texas
	Unit, area, equipment	Nursery/ Post-partum unit of Hospital
	Task being performed	Working with infants

Impact to the Goals

Patient Safety	751 infants exposed to TB
Employee Safety	55 workers exposed to TB
Environmental	None (no public health threat)
Compliance	Cited by state Health Services
Patient Services	Potential need for course of antibiotics
Schedule/ Operations	?
Property/ Equipment	?
Labor/ Time	Follow-up care provided free of charge

Frequency: 140 infants exposed to tuberculosis in similar case in Nevada in October

TUBERCULOSIS EXPOSURE IN HOSPITAL Cause Map

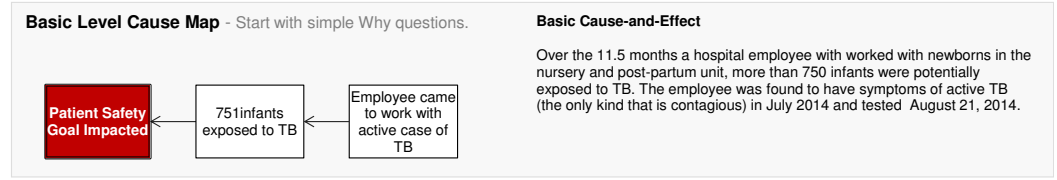
Over 750 infants are being screened and potentially treated

A healthcare worker - later found to have TB - may have exposed more than 751 infants and 55 coworkers to the potentially deadly disease. The hospital is working with the Texas Department of State Health Services and the Centers for Disease Control and Prevention (CDC) to screen (and potentially treat) - free of charge - those who may be infected.

"This is one of the largest TB exposure investigations we've ever been involved in, and it involves infants, so it is particularly sensitive. Babies are more likely than older children and adults to develop life-threatening forms of TB."

- Carrie Williams, Director of Media Relations, Texas Department of State Health Services

2 Analysis



Cause Mapping is a Root Cause Analysis method that captures basic cause-and-effect relationships supported with evidence.

CAUSE MAPPING

Problem Solving • Incident Investigation • Root Cause Analysis

Step 1 Problem - What's the Problem?

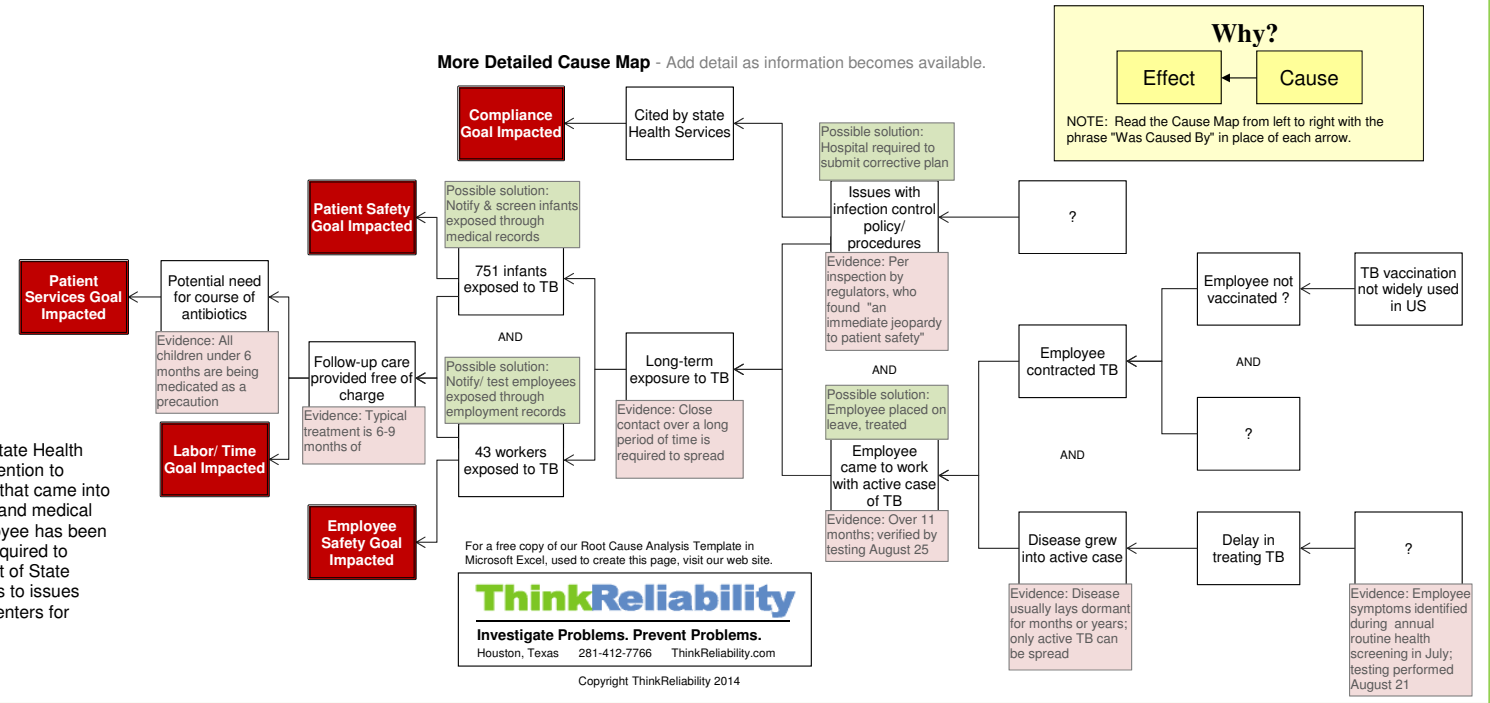
Step 2 Analysis - Why did it happen?

Step 3 Solutions - What will be done?

3 Solutions

The hospital is working with the Texas Department of State Health Services and the Centers for Disease Control and Prevention to screen and treat patients and other healthcare workers that came into contact with the infected worker based on employment and medical records in an extensive outreach campaign. The employee has been placed on leave and is being treated. The hospital is required to submit a corrective action plan to the Texas Department of State Health Services, which should identify corrective actions to issues raised as a result of the state's inspection and by the Centers for Medicare & Medicaid Services.

More Detailed Cause Map - Add detail as information becomes available.



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