

# Medical Staff Annual TB Screening

## The Problem

Annual TB screening is required for all health care workers by accreditation standards and state regulations. Medical staff compliance with this requirement was not easily tracked but was estimated to be <20%.

## Aim/Goal

The aim was to improve the annual TB screening rate of medical staff to >90% compliance using a birth month system.

## The Team

- Anne Marie Jarvey, Director, OPSA
- Kelly Orlando, Director, Ambulatory/Occ Health Service
- Dieter Affeln, MD, Medical Director, Occ Health Service
- Rui Verissimo, BIDMC IS
- Matthew Rabesa, Data Analyst, Occ Health Service
- Karen Bithell, RN, Occ Health Service

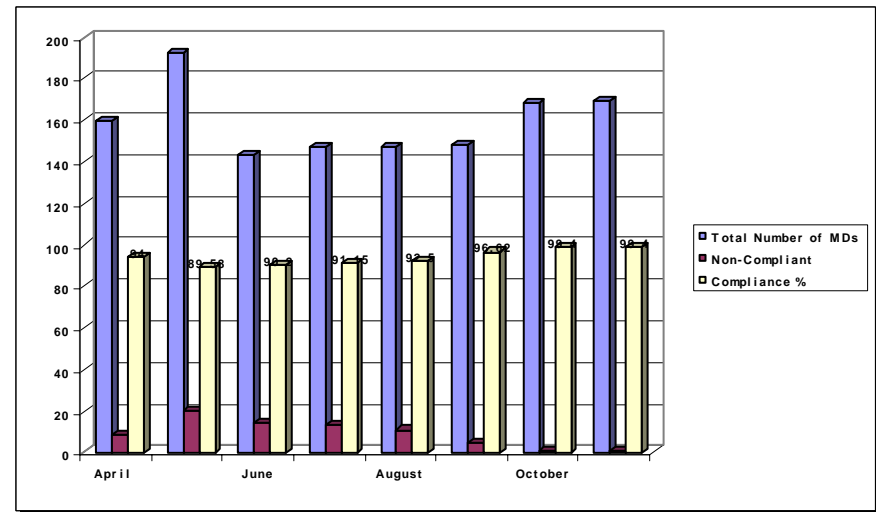
## The Interventions

A "Rapid Response" plan was implemented for all Active Staff MDs to immediately improve overall compliance. This resulted in 56% compliance with the TB screening requirement.

- The Occupational Health Service was given access to the Cactus credentialing database which provided:
  - current listing of MDs by staff category
  - template letters to automatically send to MDs
  - tracking field for TB screening with notes
- The process for birth month notices and tracking through clinical departments, Occ Health and OPSA was established in April, 2007.

## The Results/Progress to Date

Full implementation of the new process with the supporting database, has demonstrated compliance >90% since April, 2007 with Oct and Nov rates at 99% compliance.



## Lessons Learned

The Cactus database can be used for other applications that require a tracking and notification system, such as flu immunization and other Occ Health requirements.

## Next Steps/What Should Happen Next:

This database model can be considered in other IS systems to be used for tracking other health care workers' compliance with screening requirements.



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