

# Prevalence and associated risk factors of pulmonary tuberculosis in inmates in Antananarivo, Madagascar

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# TUBERCULOSIS (TB)

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- Infectious agent: Mycobacterium tuberculosis complex (MTB)



- 2nd cause of death by infectious disease after Covid-19
- Madagascar 2020: 238 cases per 100 000 population
- People living in detention centers: at increased risk for TB
- Very few data available on TB infections in the prison population

# MIARINA PROJECT : PHASE 1

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## Objective

Describe the prevalence of pulmonary tuberculosis in prison and the associated risks factors among detainees

## Methods

Cross-sectional study, prison of Antanimora in Antananarivo, march to July 2021

### Data collection

- Clinical examination
- Intradermal tuberculin test, chest X-ray (CXR)
- Detection of an acid-alcohol resistant bacillus (BAAR) in sputum (microscopy and culture)
- Rapid Diagnostic Orientation Test for HIV

