

# DETERMINING FACTORS OF THE THERAPEUTIC OUTCOMES OF TUBERCULOSIS PATIENTS FOLLOWED AT THE UNIVERSITY HOSPITAL OF MAHAJANGA

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Botovola MIRAIMILA



# INTRODUCTION

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- Tuberculosis : contagious bacterial infection with *Mycobacterium tuberculosis*
- Therapeutic outcomes
  - Success : patients declared cured and patients who have completed the treatment
  - Failure : positive bacilloscopy from the 5<sup>th</sup> month of chemotherapy
  - Death : death during treatment
  - Abandonment : interruption of treatment for 2 consecutive months or more

# METHODS

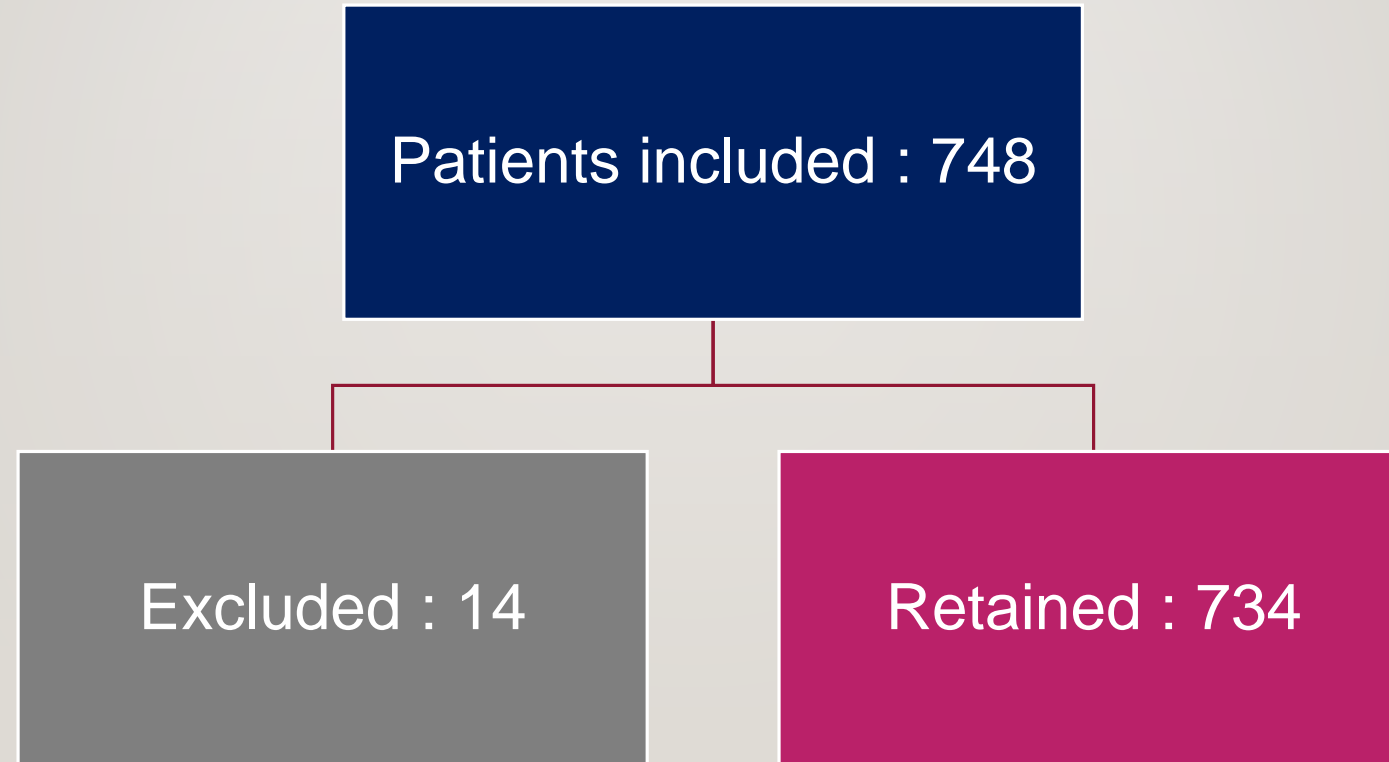
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- Study site : University Hospital Center of Mahajanga
- Type of study : retrospective cohort
- Study period : January 2020 – December 2021
- Statistical analyzes
  - Analysis of data on Epi-info 7
  - OR [IC<sub>95%</sub>]

# RESULTS (1)

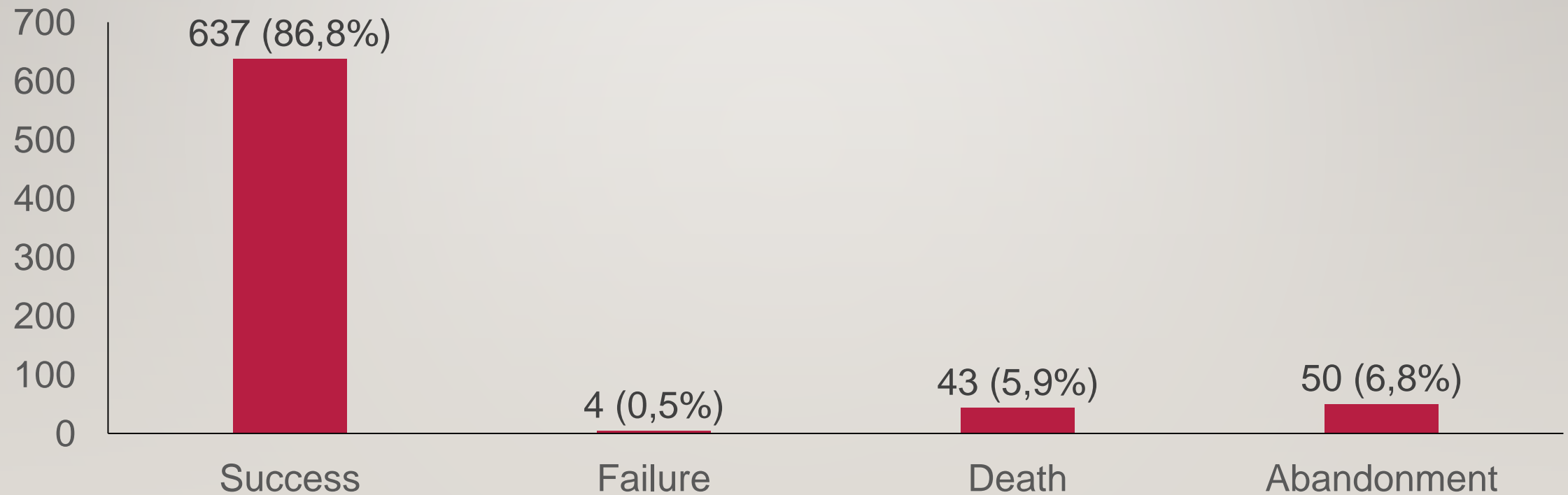
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## Recruitment results



## RESULTS (2)

### Therapeutic outcomes





## RESULTS (3)

### Determinants of treatment outcomes

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- Therapeutic success

- Female gender (OR [IC95%] = 1,13 [1,07-1,19])
- BPT+ (OR [IC95%] = 1,93 [1,56-2,41])

- Death

- $\geq 60$  years (OR [IC95%] = 4,60 [2,39-8,84])
- EPT (OR [IC95%] = 30,11 [15,42-58,77])

- Abandonment of treatment

- BPT- (OR [IC95%] = 7,37 [3,71-14,61])

**Thank you!!!**