Effect of malaria prevention on in-hospital mortality among severely ill tuberculosis patients

	Prospectively registered
No longer recruiting	☐ Protocol
Overall study status	Statistical analysis plan
Completed	Results
Condition category	Individual participant data
	Record updated in last year
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Plain English summary of protocol

Not provided at time of registration

Contact information

Type(s)

Scientific

Contact name

Dr Raffaella Colombatti

Contact details

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Additional identifiers

Protocol serial number

N/A

Study information

Scientific Title

Effect of malaria prevention on in-hospital mortality among severely ill tuberculosis patients: a single centre non-randomised trial

Acronym

TBMPrev

Study objectives

To reduce mortality in admitted tuberculosis (TB) patients during the rainy season through a three-step malaria prevention program.

Ethics approval required

Old ethics approval format

Ethics approval(s)

Local Ethics Committee (Ethics Committee of Hospital Raoul Follereau) approved in December 2004.

Study design

Single centre non-randomised trial

Primary study design

Interventional

Study type(s)

Prevention

Health condition(s) or problem(s) studied

Malaria/tuberculosis

Interventions

- 1. A permethrin-treated bednet will be given to every patient upon admission since 2005 and during all the three years of the intervention; bednets will be retreated every 30 45 days.
- 2. Environmental disinfection will be performed monthly with permethrin-based products by appropriately trained hospital staff according to manufactor's instructions during the rainy season of 2006 and 2007; spraying will be conducted both outdoor (with Microsin) and indoor (with Petrin L) on doors and window frames.
- 3. Prophylaxis with once daily trimethoprim 80 mg/sulfamethoxazole 400 mg tablet will be given to every patient admitted from July 1st to October 30th only in 2007

Treatment will be given for free to all patients and health education classes on malaria prevention have been given since 2005.

Intervention Type

Other

Phase

Not Applicable

Primary outcome(s)

Death or discharge from hospital

Key secondary outcome(s))

- 1. Drop-outs (defined as voluntary discharge from hospital before recovery against physicians advice and/or treatment abandonment)
- 2. Percentage of attendance of health education classes

Completion date

31/12/2007

Eligibility

Key inclusion criteria

All patients (aged 0 - 75 years, either sex) admitted to the National Reference Hospital for Tuberculosis and Lung Diseases, Hospital "Raoul Follereau"

Participant type(s)

Patient

Healthy volunteers allowed

No

Age group

Other

Sex

All

Key exclusion criteria

Does not meet inclusion criteria

Date of first enrolment

01/01/2005

Date of final enrolment

31/12/2007

Locations

Countries of recruitment

Guinea-Bissau

Italy

Study participating centre Via Giustiniani 2

Padova Italy 35100

Sponsor information

Organisation

Aid, Health and Development (AHEAD) - Onlus (Italy)

ROR

https://ror.org/00d0m6v41

Funder(s)

Funder type

Charity

Funder Name

The Global Fund to Fight AIDS, Tuberculosis and Malaria (Switzerland)

Funder Name

US Agency for International Development (USAID) (USA)

Funder Name

Aid, Health and Development (AHEAD) - Onlus (Italy)

Results and Publications

Individual participant data (IPD) sharing plan

IPD sharing plan summary

Not provided at time of registration

Study outputs

Output type Details Date created Date added Peer reviewed? Patient-facing?

Participant information sheet 11/11/2025 11/11/2025 No