

# Home and Community Management of Malaria and Pneumonia

**Submission date**  
14/06/2010

**Recruitment status**  
No longer recruiting

☐ Prospectively registered

☐ Protocol

**Registration date**  
04/03/2011

**Overall study status**  
Completed

☐ Statistical analysis plan

☒ Results

**Last Edited**  
29/12/2020

**Condition category**  
Infections and Infestations

☐ Individual participant data

## Plain English summary of protocol

Not provided at time of registration

## Contact information

### Type(s)

Scientific

### Contact name

Dr Elizeus Rutebemberwa

### Contact details

Makerere University School of Public Health  
Mulago Hospital Complex  
Upper Mulago Hill  
Kampala  
Uganda  
4147072

## Additional identifiers

### Protocol serial number

HS 72

## Study information

### Scientific Title

An integrated Management of Malaria and Pneumonia in children under five at home and community level

### Acronym

HCMP

**Study objectives**

Prompt use and compliance with efficacious treatment for both malaria and pneumonia provided at home and community level reduces under five morbidity and mortality significantly and is more cost effective than giving antimalarials alone.

**Ethics approval required**

Old ethics approval format

**Ethics approval(s)**

Uganda National Council for Science and Technology approved on the 17th August 2005 (ref: HS 72)

**Study design**

Cluster randomised controlled trial

**Primary study design**

Interventional

**Study type(s)**

Treatment

**Health condition(s) or problem(s) studied**

Malaria and pneumonia

**Interventions**

The intervention arm has combined home and community malaria and pneumonia treatment where pre-packaged drugs (anti-malarial and antibiotics) are distributed through trained community medicine distributors. Children who present with fever are given antimalarials (Coartem®) and when they in addition have rapid breathing, they are given antibiotics (amoxycillin).

For the control arm, antimalarials (Coartem®) are distributed by trained community medicine distributors to the children who present with fever. Those who present with rapid breathing are referred to health facilities. The difference between the intervention and control arms is that in the intervention, there is community distribution of antibiotics in addition to the antimalarials while in the control, there is only distribution of antimalarials alone.

**Intervention Type**

Other

**Phase**

Not Applicable

**Primary outcome(s)**

Mortality in children under five

**Key secondary outcome(s))**

Determined at the end of the two year period:

1. Mortality preceded by an acute febrile illness

2. Severe anaemia
3. Cost-effectiveness of the interventions
4. Equity analysis

**Completion date**

01/12/2011

## Eligibility

**Key inclusion criteria**

Children aged 4 to 59 months

**Participant type(s)**

Patient

**Healthy volunteers allowed**

No

**Age group**

Child

**Lower age limit**

4 months

**Upper age limit**

59 months

**Sex**

All

**Key exclusion criteria**

Children below 4 months of age or those above 59 months old

**Date of first enrolment**

02/12/2009

**Date of final enrolment**

01/12/2011

## Locations

**Countries of recruitment**

Uganda

**Study participating centre**

**Makerere University School of Public Health**  
Kampala  
Uganda  
4147072

## Sponsor information

### Organisation

Uganda National Council for Science and Technology (UNCST) (Uganda)

### ROR

<https://ror.org/05jv1pq83>

## Funder(s)

### Funder type

Research organisation

### Funder Name

United Nations Children's Fund (UNICEF)/United Nations Development Programme (UNDP)  
/World Bank/World Health Organization (WHO) - Special Programme for Research and Training  
in Tropical Diseases (TDR) (ref: A20141)

## 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?
<a href="#">Results article</a>	results	22/09/2013	29/12/2020	Yes	No
<a href="#">Participant information sheet</a>	Participant information sheet	11/11/2025	11/11/2025	No	Yes