# Home and Community Management of Malaria and Pneumonia

Submission date Recruitment status Prospectively registered 14/06/2010 No longer recruiting [ ] Protocol [ ] Statistical analysis plan Registration date Overall study status 04/03/2011 Completed [X] Results [ ] Individual participant data **Last Edited** Condition category 29/12/2020 Infections and Infestations

### 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

**EudraCT/CTIS** number

IRAS number

ClinicalTrials.gov number

Secondary identifying numbers HS 72

### Study information

### Scientific Title

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

### Acronym

**HCMMP** 

### **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

### Secondary study design

Randomised controlled trial

### Study setting(s)

Other

### Study type(s)

Treatment

### Participant information sheet

Not available in web format, please use the contact details below to request a patient information sheet

### 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 measure

Mortality in children under five

### Secondary outcome measures

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

### Overall study start date

02/12/2009

### Completion date

01/12/2011

### **Eligibility**

### Key inclusion criteria

Children aged 4 to 59 months

### Participant type(s)

**Patient** 

### Age group

Child

### Lower age limit

4 Months

### Upper age limit

59 Months

#### Sex

Both

### Target number of participants

11,000 children monitored over two years

### 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)

### Sponsor details

Plot 3/5/7, Nasser Road Kampala Uganda 4146884

### Sponsor type

Government

#### Website

http://www.uncst.go.ug/

### **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**

Publication and dissemination plan

Not provided at time of registration

Intention to publish date

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?
Results article	results	22/09/2013	29/12/2020	Yes	No