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A randomised controlled field trial to assess the LifeStraw® personal water treatment device

Submission date 16/04/2007	**Recruitment status** No longer recruiting	[_] Prospectively registered [_] Protocol [_] Statistical analysis plan [X] Results [_] Individual participant data
Registration date 26/06/2007	**Overall study status** Completed	
Last Edited 25/10/2021	**Condition category** Digestive System	

Plain English summary of protocol
Not provided at time of registration

Contact information

Type(s)
Scientific

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Additional identifiers

Protocol serial number
1A

Study information

Scientific Title
A randomised controlled field trial to assess the LifeStraw® personal water treatment device

Study objectives
LifeStraw® personal water treatment device for use in the home and outside the home reduces diarrhoea.

Ethics approval required
Old ethics approval format

Ethics approval(s)
Approval received from the London School of Hygiene and Tropical Medicine (LSHTM) Research Ethics Committee (REC) on the 21st February 2007 (ref: 5095). Local REC approval pending (Ministry of Health [MoH] Ethiopia).

Study design
Cluster randomised trial. Unit of randomisation is the household.

Primary study design
Interventional

Study type(s)
Prevention

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

Interventions
All household members old enough to use the device will be given the personal water filter for use at home and away from home.

The control group will be referred to a medical facility when ill, like the intervention group. They will get the intervention device after the end of the study. The intervention period will be five months.

Intervention Type
Device

Phase
Not Specified

Primary outcome(s)
Diarrhoea, this will be assessed every two weeks for the whole intervention period.

Key secondary outcome(s))
1. Microbiological water quality of treated water, this will be assessed every two weeks for the whole intervention period
2. Acceptability of the device, this will be assessed at the end of the study.

Completion date
30/11/2007

Eligibility

Key inclusion criteria
1. Inadequate water supply
2. At least one child under the age of five years

Participant type(s)
Patient

Healthy volunteers allowed
No

Age group
Not Specified

Sex
Not Specified

Key exclusion criteria
Adequate water supply.

Date of first enrolment
01/06/2007

Date of final enrolment
30/11/2007

Locations

Countries of recruitment
United Kingdom

England

Ethiopia

Study participating centre
London School of Hygiene & Tropical Medicine
London
United Kingdom
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Sponsor information

Organisation
London School of Hygiene & Tropical Medicine (UK)

ROR
https://ror.org/00a0jsq62

Funder(s)

Funder type
Industry

Funder Name
Vestergaard Frandsen S.A. (Switzerland)

Results and Publications

Individual participant data (IPD) sharing plan
Not provided at time of registration

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		17/06/2009	25/10/2021	Yes	No