

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
Registration date 26/06/2007	Overall study status Completed	☐ Statistical analysis plan ☒ Results
Last Edited 25/10/2021	Condition category Digestive System	☐ Individual participant data

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).

Primary study design

Interventional

Study design

Cluster randomised trial. Unit of randomisation is the household.

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

WC1E 7HT

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