

Evaluation of a school feeding programme linked to agriculture production in Mali

Submission date 14/05/2012	Recruitment status No longer recruiting	<input type="checkbox"/> Prospectively registered <input checked="" type="checkbox"/> Protocol
Registration date 12/07/2012	Overall study status Completed	<input type="checkbox"/> Statistical analysis plan <input type="checkbox"/> Results
Last Edited 19/05/2015	Condition category Other	<input type="checkbox"/> Individual participant data <input type="checkbox"/> Record updated in last year

Plain English summary of protocol

Background and study aims

Providing food through schools has well documented benefits in terms of the education, health and nutrition of school children. However, there is limited evidence regarding the benefits of sourcing the food from small-holder farmers through 'home-grown' school feeding approaches. This study aims to evaluate the impact of school feeding programmes sourced from small-holder farmers on small-holder food security, as well as on school children's education, health and nutrition in Mali.

Who can participate?

Primary school age children and small-holder farmer households in targeted villages in Mali.

What does the study involve?

Households and schools will be randomly assigned to one of the following three groups:

1. Regular school feeding programme group: these are schools and villages where the standard Government programme is implemented, with Mayors responsible for sourcing the food.
2. Home-grown school feeding and social accountability group (HGSF+): these are schools and villages where the programme is implemented in addition to training of community organisations and local government on food sourcing, nutrition education, and feedback monitoring.
3. Control group: these are schools and household from villages where the intervention will not be implemented.

What are the possible benefits and risks of participating?

School feeding programmes have been shown to have benefits in terms of school enrolment, attendance and drop-out. The main risks are issues related to inappropriate food management and preparation. Training activities will be provided to reduce this risk.

Where is the study run from?

The Partnership for Child Development offices in Bamako, Mali.

When is the study starting and how long is it expected to run for?

The study is underway and will be completed in December 2014.

Who is funding the study?
The Bill & Melinda Gates Foundation (USA).

Who is the main contact?
Dr Lesley Drake
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Contact information

Type(s)
Scientific

Contact name
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Additional identifiers

EudraCT/CTIS number

IRAS number

ClinicalTrials.gov number

Secondary identifying numbers
N/A

Study information

Scientific Title
Community participation and the links between agriculture, nutrition and education: design of a randomised field experiment of 'home-grown' school feeding in Mali

Study objectives
School feeding programmes provide well documented direct benefits to school children and their families. Emerging evidence also suggests that they can provide a stable market for goods and services. This is the first randomised control trial that will examine this in detail.

Ethics approval required
Old ethics approval format

Ethics approval(s)

Not provided at time of registration

Study design

Randomised control trial

Primary study design

Interventional

Secondary study design

Randomised controlled trial

Study setting(s)

School

Study type(s)

Quality of life

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

School health and nutrition

Interventions

The evaluation will measure outcomes at child, household and school level. Households and schools will be randomly assigned to the intervention. Three treatment arms are envisaged:

Control group:

These are schools and household from villages where the intervention will not be implemented. The intervention will be delayed by at least two years in these villages, preferably without informing schools and households.

Regular school feeding programme group:

These are schools and villages where the standard Government programme is implemented, with Mayors responsible for the food procurement.

Home grown school feeding and social accountability group (HGSF+):

These are schools and villages where the programme is implemented in addition to a capacity building component including training of community-based organisations and local government on food procurement, nutrition education, and feedback monitoring.

Intervention Type

Other

Phase

Not Applicable

Primary outcome measure

Small-holder farmer income, school participation and learning, and community involvement in the programme

Secondary outcome measures

1. Nutritional status (anthropometry)
2. Diet-diversity

Overall study start date

01/02/2012

Completion date

01/04/2014

Eligibility

Key inclusion criteria

Primary school age children (aged 5-15) and their families, small holder farmers

Participant type(s)

Healthy volunteer

Age group

Mixed

Sex

Both

Target number of participants

The study population includes 5700 children, 1740 households, 116 schools and 58 mayors. Households will be selected at random from village level listings.

Key exclusion criteria

Households with children not of primary school age

Date of first enrolment

01/02/2012

Date of final enrolment

01/04/2014

Locations

Countries of recruitment

England

Mali

United Kingdom

Study participating centre

Imperial College London
London
United Kingdom
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Sponsor information

Organisation

Imperial College London (UK)

Sponsor details

c/o Prof. Neil Furguson
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Sponsor type

University/education

Website

<http://www3.imperial.ac.uk/>

ROR

<https://ror.org/041kmwe10>

Funder(s)

Funder type

Charity

Funder Name

Bill and Melinda Gates Foundation

Alternative Name(s)

Bill & Melinda Gates Foundation, Gates Foundation, BMGF, B&MGF, GF

Funding Body Type

Government organisation

Funding Body Subtype

Trusts, charities, foundations (both public and private)

Location

United States of America

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?
Protocol article	protocol	21/02/2013		Yes	No