

The Millennium Villages Project (MVP): Integrating the delivery of health and development interventions and assessing the impact on child survival in sub-Saharan Africa

Submission date 12/05/2010	Recruitment status No longer recruiting	<input type="checkbox"/> Prospectively registered
Registration date 03/06/2010	Overall study status Completed	<input type="checkbox"/> Protocol
Last Edited 13/03/2019	Condition category Other	<input type="checkbox"/> Statistical analysis plan
		<input checked="" type="checkbox"/> Results
		<input type="checkbox"/> 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

Clinical Trials Information System (CTIS)
Nil known

ClinicalTrials.gov (NCT)
NCT01125618

Protocol serial number

N/A

Study information

Scientific Title

A pair-matched community intervention trial to assess the impact of an integrated health and development intervention on child survival and the Millennium Development Goals (MDG) in 10 sub-Saharan African countries

Acronym

MVP

Study objectives

1. After 5 years of operation, villages exposed to the MVP intervention will have a lower rate of under-5 mortality and parallel gains in MDG-related secondary outcomes when compared to similar villages not receiving the intervention.
2. That the coordinated delivery a multi-sector package of health and development interventions implemented through a broad-based local partnership is feasible in a diversity of sub-Saharan African contexts, and;
3. The intervention package can be delivered at a scalable cost of US\$40 per person per year in the health sector and US\$110 per person per year in total

Ethics approval required

Old ethics approval format

Ethics approval(s)

Columbia University Institutional Review Board approved on 30/01/2005 (ref: AAAA8202). The latest ethical review was approved on 17/04/2009.

Approval has also been received from all host-country IRBs

Study design

Pair-matched community intervention trial

Primary study design

Interventional

Study type(s)

Other

Health condition(s) or problem(s) studied

Child mortality, Millennium Development Goals

Interventions

The Millennium Villages Project involves the coordinated and simultaneous delivery of a package of proven interventions in health, agriculture, infrastructure and education at a projected annual cost of US\$110 per capita.

Intervention Type

Other

Phase

Not Applicable

Primary outcome(s)

Under 5 mortality rate, measured at baseline, after 3 years and after 5 years of intervention exposure

Key secondary outcome(s)

1. Proportion of under 5s who are:
 - 1.1. Stunted (low height for age Z-score)
 - 1.2. Wasted (low weight for height Z-score)
 - 1.3. Underweight (low weight for age Z-score)
 2. Duration of breastfeeding
 3. Age at introduction of complementary feeding
 4. Proportion of under 5s with diarrhoea in past 2 weeks
 5. Proportion of under 5s with diarrhoea in past 2 weeks who receive ORS
 6. Proportion under 1s immunized against measles
 7. Proportion of under 5s treated for pneumonia
 8. Prevalence of malaria among under 5s
 9. Proportion of under 5s with a fever in the past 2 weeks who receive appropriate anti-malarial treatment
 10. Proportion of under 5s sleeping under Long lasting insecticide treated bed-nets
 11. Proportion of pregnant women who received an HIV test
 12. Proportion of newborns receiving a post-natal check in the first week of life
 13. Proportion of women who receive at least 4 ante-natal care (ANC) visits
 14. Proportion of births attended by skilled health personnel
 15. Survival rate to last grade of primary education
 16. Asset based wealth index
 17. Proportion of households reporting not enough food for 1 of past 12 months
 18. Proportion of the population using an improved drinking water source
 19. Proportion of the population using an improved sanitation source
- Outcomes will be measured at baseline, after 3 years and after 5 years of intervention exposure

Completion date

01/06/2012

Eligibility

Key inclusion criteria

Resident in a Millennium Village Cluster and informed consent to undergo periodic assessments. Selection of comparison villages is based on village-level parameters with the potential to influence child mortality and related MDG outcomes including:

1. agro-ecological zone
2. accessibility (distance to tar roads and markets)
3. principal livelihood strategies
4. crop types
5. levels of electrification
6. numbers of clinics and schools
7. presence of other development projects in the area

Participant type(s)

Patient

Healthy volunteers allowed

No

Age group

Other

Sex

All

Key exclusion criteria

Does not meet inclusion criteria

Date of first enrolment

01/06/2006

Date of final enrolment

01/06/2012

Locations**Countries of recruitment**

Ethiopia

Ghana

Kenya

Malawi

Mali

Nigeria

Rwanda

Senegal

Tanzania

Uganda

United States of America

Study participating centre

Low Library
New York
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Sponsor information

Organisation

United Nations Development Program (UNDP) - Regional Bureau for Africa (RBA)

ROR

<https://ror.org/051777d98>

Funder(s)

Funder type

Government

Funder Name

United Nations Development Program (UNDP) - Regional Bureau for Africa (RBA) (UNDP CU08-8798)

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?
Results article	results	09/06/2012	13/03/2019	Yes	No
Participant information sheet	Participant information sheet	11/11/2025	11/11/2025	No	Yes
Study website	Study website	11/11/2025	11/11/2025	No	Yes