

Baseline health survey of the communities around the concession area of the proposed Simandou project in Guinea

Submission date 15/05/2010	Recruitment status No longer recruiting	<input type="checkbox"/> Prospectively registered
		<input type="checkbox"/> Protocol
Registration date 20/05/2010	Overall study status Completed	<input type="checkbox"/> Statistical analysis plan
		<input type="checkbox"/> Results
Last Edited 20/05/2010	Condition category Other	<input type="checkbox"/> Individual participant data
		<input type="checkbox"/> Record updated in last year

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
N/A

Study information

Scientific Title

Baseline health survey of the communities around the concession area of the proposed Simandou project in Guinea: A cross-sectional household-based and school-based epidemiological survey

Acronym

BHS Simandou Guinea

Study objectives

A baseline health survey will provide quality data for profiling the health status of communities potentially affected by a large-scale iron ore project in a remote area of Guinea. Such data will become the benchmark to monitor future project-related health impacts.

Ethics approval required

Old ethics approval format

Ethics approval(s)

Approved by the National Ethics Committee for Health Research (Comite National d'Ethique pour la Recherche en Sante [CNER]) (ref. 04/CNERS/10)

Study design

Cross-sectional household-based and school-based epidemiological survey in 14 sentinel sites

Primary study design

Observational

Study type(s)

Quality of life

Health condition(s) or problem(s) studied

Baseline health survey (malaria, intestinal parasites, anaemia, malnutrition, hypertension)

Interventions

1. Antimalarial treatment (artemunate-amodiaquine)
2. Anthelmintic treatment (albendazole plus praziquantel)
3. Iron and vitamin supplement

Intervention Type

Other

Phase

Not Applicable

Primary outcome(s)

1. Anaemia prevalence (according to standard WHO criteria)
2. Malaria prevalence (according to rapid diagnostic tests)
3. Prevalence of stunting and wasting
4. Prevalence of hypertension
5. Prevalence and intensity of intestinal parasites (helminths)

Key secondary outcome(s)

Health-related knowledge, attitudes and practices in adult population

Completion date

03/06/2010

Eligibility

Key inclusion criteria

1. Written informed consent by head of household
2. Written informed consent by parents and/or legal guardians for children aged <15 years
3. The following inclusion criteria will be applied according to specific surveys:
 - 3.1. Questionnaire survey: adult population (aged >15 years)
 - 3.2. Anaemia survey: children aged < 5 years and women in reproductive age (15-49 years)
 - 3.3. Malaria prevalence survey: children aged < 5 years
 - 3.4. Anthropometric survey: children aged < 5 years
 - 3.5. Blood pressure survey: adult population (aged >15 years)
 - 3.6. Parasite prevalence survey: school-aged children (aged 6-15 years)

Participant type(s)

Patient

Healthy volunteers allowed

No

Age group

Other

Sex

All

Key exclusion criteria

No written informed consent

Date of first enrolment

19/05/2010

Date of final enrolment

03/06/2010

Locations

Countries of recruitment

Guinea

South Africa

Study participating centre

NewFields LLC

Irene

South Africa
Pretoria

Sponsor information

Organisation

Rio Tinto SIMFER SA (Guinea)

ROR

<https://ror.org/05m7zw681>

Funder(s)

Funder type

Industry

Funder Name

Rio Tinto, Simandou Iron Ore Project (Guinea)

Results and Publications

Individual participant data (IPD) sharing plan

IPD sharing plan summary

Not provided at time of registration