

IMPACT-VECTOR - Evaluation and prediction of the impact of vector-borne diseases (malaria plasmodium falciparum and arboviruses) among French military personnel during short-duration missions (4 months) in inter-tropical Africa

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General

Identification

Detailed name Evaluation and prediction of the impact of vector-borne diseases (malaria plasmodium falciparum and arboviruses) among French military personnel during short-duration missions (4 months) in inter-tropical Africa

Sign or acronym IMPACT-VECTOR

General Aspects

Medical area Infectious diseases

Health determinants Geography
Occupation

Keywords Antibodies, antigens, malaria, plasmodium falciparum, arbovirus

Scientific investigator(s) (Contact)

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Collaborations

Funding

Funding status Public

Details Délégation générale de l'armement
Service de santé des armées

Governance of the database

Sponsor(s) or organisation(s) responsible Université de la Méditerranée (Aix-Marseille II)

Organisation status Public

Sponsor(s) or organisation(s) responsible Centre National de la recherche scientifique (CNRS)

Organisation status Public

Sponsor(s) or organisation(s) responsible Institut de recherche pour le développement (IRD)

Organisation status Public

Additional contact

Main features

Type of database

Type of database Study databases

Study databases (details) Cohort study

Database recruitment is carried out by an intermediary A population file

Database recruitment is carried out as part of an interventional study No

Additional information regarding sample selection. Prospective Inclusion cut-off date: 01/06/2007

Database objective

Main objective General objective: To identify human and environmental determinants of French military personnel exposure to plasmodium falciparum malaria during short-duration missions (4 months) in inter-tropical Africa. Secondary objective: - To identify human and environmental determinants of

French military personnel exposure to arboviruses during short-duration missions (4 months) in inter-tropical Africa - To identify human and environmental determinants of French military personnel exposure to malaria vector bites (s.s. Anopheles gambiae) and arboviruses (Aedes aegypti) during short-duration missions (4 months) in inter-tropical Africa..

Inclusion criteria

Belonging to a military company taking part in short-duration missions (4 months) in inter-tropical Africa. Agreeing to participate in the study (questionnaires and blood tests).

Population type

Age
Adulthood (19 to 24 years)
Adulthood (25 to 44 years)
Adulthood (45 to 64 years)

Population covered
General population

Gender
Male
Woman

Geography area
International

Detail of the geography area
21 centres in the following countries: Senegal, Côte d'Ivoire, Gabon, Chad, Central African Republic and Congo.

Data collection

Dates

Date of first collection (YYYY or MM/YYYY)
02/2004

Date of last collection (YYYY or MM/YYYY)
11/2007

Size of the database

Size of the database (number of individuals)
[1000-10 000[individuals

Details of the number of individuals
1000

Data

Database activity
Data collection completed

Type of data collected	Declarative data Biological data
Declarative data (detail)	Paper self-questionnaire Face to face interview
Biological data (detail)	Serum
Presence of a biobank	Yes
Contents of biobank	Serum
Details of biobank content	Serum bank
Health parameters studied	Health event/morbidity Health event/mortality

Procedures

Data collection method	- Self-administered questionnaire and interview: from a paper questionnaire (manual input). - Biological analysis: direct input
Participant monitoring	Yes
Details on monitoring of participants	4 months
Links to administrative sources	Yes
Linked administrative sources (detail)	Remotely sensed data (satellite) stored on web-based databases.

Promotion and access

Promotion

Link to the document	http://www.hal.inserm.fr/IMPACT-VECTOR
Description	List of publications in HAL
Link to the document	http://tinyurl.com/Pubmed-IMPACT-VECTOR
Description	List of publications in Pubmed

Access

Terms of data access (charter for data provision, format of data, availability delay)	Use of data by academic and industrial teams to be decided.
Access to aggregated data	Access on specific project only

Access to individual data

Access on specific project only