

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

Head :Rogier Christophe, Unité de recherche en biologie et épidémiologie parasitaires (équipe membre de l'UMR 6236, unité de recherche en maladies infectieuses et tropicales émergentes - URMITE) Ministère de la Défense.

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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
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Sign or acronym	IMPACT-VECTOR
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General Aspects

Medical area	Infectious diseases
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Health determinants	Geography Occupation
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Keywords	Antibodies, antigens, malaria, plasmodium falciparum, arbovirus
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Scientific investigator(s) (Contact)

Name of the director	Rogier
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Surname	Christophe
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Address	13007 MARSEILLE
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Phone	+ 33 (0)6 85 94 12 30
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Email	christophe.rogier@wanadoo.fr
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Unit	Unité de recherche en biologie et épidémiologie parasitaires (équipe membre de l'UMR 6236, unité de recherche en maladies infectieuses et tropicales émergentes - URMITE) Ministère de la Défense.
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Collaborations

Funding	
Funding status	Public
Details	Délégation générale de l'armementService 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