

# TELECHIK - Follow-Up Cohort Study on The Chikungunya Virus in Réunion Island

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## General

### Identification

Detailed name Follow-Up Cohort Study on The Chikungunya Virus in Réunion Island

Sign or acronym TELECHIK

CNIL registration number, number and date of CPP agreement, AFSSAPS (French Health Products Safety Agency) authorisation CNIL 1827182, CPP 2006/47 (23/08/2006)

### General Aspects

Medical area Infectious diseases  
Rheumatology

Pathology (details) Tropical medicine, virology, knowledge, attitudes, behaviour, practices, health, environment

Health determinants Geography  
Lifestyle and behavior

Keywords follow-up study, cohort study, Chikungunya virus, prevalence, quality of life, perceived health, impact on health, general population, public health, rheumatology, fatigue

### Scientific investigator(s) (Contact)

Name of the director Gérardin

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Organization	CHU de La Réunion / Inserm / Université de La Réunion / Union Régionale des Médecins Libéraux de l'Océan

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Organization	Inserm - Institut National de la Santé et de la Recherche

## Collaborations

Participation in projects, networks and consortia	Yes
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Details	Ongoing: University of Bordeaux (Prof. Denis Malvy; Dr. Alexandre Duvignaud), within the TELECHIK Project: CNAM (Prof. J-F Zagury, Dr. Josselin Noirel), Martinique CHU (Prof. André Cabié, Dr. Sylvie Merle), Pasteur Institute (Dr. Albert Matthew, Dr. Pierre Emmanuel Joubert). Participation in the Reacting group to define research projects in the French West Indies.
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## Funding

Funding status	Public
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Details	INSERM - French National Institute of Health and Medical Research
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## Governance of the database

Sponsor(s) or organisation(s) responsible	Inserm - Institut National de la Santé et de la Recherche Médicale
Organisation status	Public
Sponsor(s) or organisation(s) responsible	CHU de la Réunion
Organisation status	Public
<b>Additional contact</b>	
<b>Main features</b>	
<b>Type of database</b>	
Type of database	Health relevant administrative databases
Additional information regarding sample selection.	Random quota sample of households after post-stratification by age, gender, micro-region, municipality size, and type of habitat; followed by random selection of individuals per household (index person) by Kish method. 1,148 individuals sampled; 1,094 individuals surveyed, including 1,048 index persons; quality of life: 398 individuals (199 CHIK+ and 199 CHIK- matched according to age, sex and residence area.
<b>Database objective</b>	
Main objective	To determine the knowledge, attitudes, behaviours and practices of the population in Réunion regarding the disease and its prevention; risk factors, medium- and long-term development; to be included in ancillary student studies on Chikungunya virus exposure.
Inclusion criteria	<ul style="list-style-type: none"> <li>- Male and female.</li> <li>- Aged 15 years old or over.</li> </ul>
<b>Population type</b>	
Age	<ul style="list-style-type: none"> <li>Adolescence (13 to 18 years)</li> <li>Adulthood (19 to 24 years)</li> <li>Adulthood (25 to 44 years)</li> <li>Adulthood (45 to 64 years)</li> <li>Elderly (65 to 79 years)</li> <li>Great age (80 years and more)</li> </ul>
Population covered	General population
Gender	Male

Woman

Geography area Departmental

French regions covered by the database La Réunion

Detail of the geography area 24 out of 25 Réunion Island municipalities, not including the Mafate municipality.

## Data collection

### Dates

Date of first collection (YYYY or MM/YYYY) 2007

Date of last collection (YYYY or MM/YYYY) 2008

### Size of the database

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

Details of the number of individuals 1,148

### Data

Database activity Data collection completed

Type of data collected  
Declarative data  
Biological data  
Administrative data

Declarative data (detail) Phone interview

Details of collected declarative data Simple telephone questionnaire administered by a trained researcher on a front-sided form, focussing on fields such as rheumatology, general health, neuropsychiatry, sensorineural health, skin and digestive health, as well as quality of life.

Biological data (detail) Serologic status for chikungunya virus infection determined by ELISA IgG -specific serology test on blotting paper.

Administrative data (detail) Age, country of birth, professional activity or ongoing study.

Presence of a biobank No

Health parameters studied	Health event/morbidity Health event/mortality Health care consumption and services Quality of life/health perception
Care consumption (detail)	Hospitalization Medical/paramedical consultation Medicines consumption
<b>Procedures</b>	
Data collection method	Telephone questionnaire by experienced researcher.
Participant monitoring	Yes
Details on monitoring of participants	Single-point monitoring, focussing on fields such as rheumatology, general health, neuropsychiatry, sensorineural health, skin and digestive health, as well as quality of life.
Links to administrative sources	No
<b>Promotion and access</b>	
<b>Promotion</b>	
Link to the document	<a href="http://arthritis-research.com/content/15/1/R9">http://arthritis-research.com/content/15/1/R9</a>
Link to the document	<a href="http://www.biomedcentral.com/1741-7015/9/5">http://www.biomedcentral.com/1741-7015/9/5</a>
Link to the document	<a href="http://osoi.univ-reunion.fr/fileadmin/Fichiers/OSOI/Textes/PDF/AAC/ac_2011/colom/TAP_76-82_CO_SpeChik_Gerardin.pdf">http://osoi.univ-reunion.fr/fileadmin/Fichiers/OSOI/Textes/PDF/AAC/ac_2011/colom/TAP_76-82_CO_SpeChik_Gerardin.pdf</a>
Link to the document	<a href="http://arthritis-research.com/content/15/1/R9">http://arthritis-research.com/content/15/1/R9</a>
Link to the document	<a href="http://www.biomedcentral.com/1741-7015/9/5">http://www.biomedcentral.com/1741-7015/9/5</a>
Link to the document	<a href="http://osoi.univ-reunion.fr/fileadmin/Fichiers/OSOI/Textes/PDF/AAC/ac_2011/colom/TAP_76-82_CO_SpeChik_Gerardin.pdf">http://osoi.univ-reunion.fr/fileadmin/Fichiers/OSOI/Textes/PDF/AAC/ac_2011/colom/TAP_76-82_CO_SpeChik_Gerardin.pdf</a>
<b>Access</b>	
Terms of data access (charter for data provision, format of data, availability delay)	Database access conditions are currently being determined.
Access to aggregated data	Access on specific project only

Access to individual data

Access on specific project only