

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

Head :Gérardin Patrick, Centre d'Investigation Clinique (CIC 1410) - ex Centre d'Investigation Clinique -
Epidémiologie Clinique (CIE2)de La Réunion
Favier François

Last update : 06/20/2025 | Version : 2 | ID : 31877

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

Study in connection with Covid-19 No

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

Surname Patrick

Address Centre de Recherche Médicale et en Santé - CHU Réunion - Site du Groupe Hospitalier Sud Réunion -

Avenue du Président François Mitterrand BP 350 -
97448 Saint Pierre Cedex - Ile de La Réunion

Phone + (262) 262.35.90.00 + 5.42.71 ; + (262)
262.35.90.00 + 5.83.94 ; + (262) 262.35.90.00 +
5.87.53

Email patrick.gerardin@chu-reunion.fr

Unit Centre d'Investigation Clinique (CIC 1410) - ex
Centre d'Investigation Clinique - Epidémiologie
Clinique (CIE2)de La Réunion

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

Name of the director Favier

Surname François

Address Centre de Recherche Médicale et en Santé - CHU
Réunion - Site du Groupe Hospitalier Sud Réunion -
Avenue du Président François Mitterrand BP 350 -
97448 Saint Pierre Cedex - Ile de La Réunion

Phone + (262) 262.35.90.00 + 5.99.44; + (262)
262.35.90.00 + 5.92.91

Email francois.favier@chu-reunion.fr

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

Collaborations

Participation in projects,
networks and consortia Yes

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.

Funding

Funding status Public

Details INSERM - French National Institute of Health and

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

Additional contact

Main features

Type of database

Type of database Study databases

Study databases (details) Cohort study

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.

Database objective

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 - Male and female.
- Aged 15 years old or over.

Population type

Age Adolescence (13 to 18 years)
Adulthood (19 to 24 years)
Adulthood (25 to 44 years)
Adulthood (45 to 64 years)
Elderly (65 to 79 years)

Great age (80 years and more)

Population covered General population

Pathology

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

Procedures

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

Promotion and access

Promotion

Link to the document

<http://arthritis-research.com/content/15/1/R9>

Link to the document

<http://www.biomedcentral.com/1741-7015/9/5>

Link to the document

http://osoi.univ-reunion.fr/fileadmin/Fichiers/OSOI/Textes/PDF/AAC/ac_2011/colom/TAP_76-82_CO_SpeChik_Gerardin.pdf

Link to the document

<http://arthritis-research.com/content/15/1/R9>

Link to the document

<http://www.biomedcentral.com/1741-7015/9/5>

Link to the document

http://osoi.univ-reunion.fr/fileadmin/Fichiers/OSOI/Textes/PDF/AAC/ac_2011/colom/TAP_76-82_CO_SpeChik_Gerardin.pdf

Access

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