

# CARTAGENE - Out-of-Hospital Cardiac Arrest of Presumed Cardiac Origin

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## General

### Identification

Detailed name Out-of-Hospital Cardiac Arrest of Presumed Cardiac Origin

Sign or acronym CARTAGENE

CNIL registration number, number and date of CPP agreement, AFSSAPS (French Health Products Safety Agency) authorisation CNIL: 16/07/2008

### General Aspects

Medical area Cardiology

Health determinants Genetic

Others (details) Cardiac arrest

Keywords changes in DNA sequence, out-of-hospital, Health episodes, prevention

### Scientific investigator(s) (Contact)

Name of the director Jouven

Surname Xavier

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Unit UNITE 909

Organization INSERM

### Collaborations

Participation in projects, networks and consortia Yes

## Funding

Funding status Public

Details Direction Générale de la Santé

## Governance of the database

Sponsor(s) or organisation(s) responsible Institut National de la Santé et de la Recherche Médicale

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 selection of health institutions and services

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

Additional information regarding sample selection. Prospective Other bodies active in creating this cohort: SAMU, FIRE DEPARTMENT

## Database objective

Main objective General objective: To form a cohort of 2,000 out-of-hospital cardiac arrests of presumed cardiac origin  
Secondary objective: To locate and identify variations in DNA sequence related to an increased risk of sudden death

Inclusion criteria Individuals presenting cardiac arrest out-of-hospital treated by SAMU or fire-fighter medics

## 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	National
Detail of the geography area	Multicentric cohort throughout France (16 centres)
<b>Data collection</b>	
<b>Dates</b>	
Date of first collection (YYYY or MM/YYYY)	01/2008
Date of last collection (YYYY or MM/YYYY)	12/2012
<b>Size of the database</b>	
Size of the database (number of individuals)	< 500 individuals
Details of the number of individuals	300
<b>Data</b>	
Database activity	Current data collection
Type of data collected	Declarative data Biological data
Declarative data (detail)	Face to face interview
Biological data (detail)	Type of samples taken: 1 tube of 10 ml of whole blood
Presence of a biobank	Yes
Contents of biobank	DNA
Details of biobank content	DNA bank
Health parameters studied	Health event/morbidity Health event/mortality
<b>Procedures</b>	
Participant monitoring	Yes
Details on monitoring of participants	Follow-up duration: 2 years

Links to administrative sources	No
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## Promotion and access

Promotion

Access

Terms of data access (charter for data provision, format of data, availability delay)	Data may be used by academic teams
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Access to aggregated data	Access on specific project only
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Access to individual data	Access on specific project only
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