

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

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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)
Data collection	
Dates	
Date of first collection (YYYY or MM/YYYY)	01/2008
Date of last collection (YYYY or MM/YYYY)	12/2012
Size of the database	
Size of the database (number of individuals)	< 500 individuals
Details of the number of individuals	300
Data	
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
Procedures	
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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