

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

Head :Jouven Xavier, UNITE 909

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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
Address	94807 VILLEJUIF
Email	xavier.jouven@egp.aphp.fr
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
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
Access to aggregated data	Access on specific project only
Access to individual data	Access on specific project only