

# RéAC - Electronic Registry of Cardiac Arrests

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## General

### Identification

Detailed name Electronic Registry of Cardiac Arrests

Sign or acronym RéAC

CNIL registration number,  
number and date of CPP  
agreement, AFSSAPS (French  
Health Products Safety Agency)  
authorisation CNIL 910946

### General Aspects

Medical area Anesthesiology ? Intensive care  
Emergency medicine

Pathology (details) Cardiac arrests

Keywords cardiac arrest, SAMU/SMUR, registry, treatment

### Scientific investigator(s) (Contact)

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Urgences ? Réanimation Médicale ? Anesthésie-  
Réanimation ? SAMU  
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Organization Edouard Herriot Hospital Group

## Collaborations

Participation in projects,  
networks and consortia Yes

Details EuReCA?European Registry of Cardiac Arrest

## Funding

Funding status Mixed

Details French Society of Emergency Medicine ? French Society of Anaesthesia and Critical Care Medicine (SFAR); patient foundation ? French Cardiology Federation, two research support foundations ? Heart and Artery Foundation and CNP Foundation; Lyon University Hospital; University Lille 2; Northern Region and European Community through FEDER funds

## Governance of the database

Sponsor(s) or organisation(s)  
responsible RéAC

Organisation status Private

Presence of scientific or  
steering committees Yes

## Additional contact

## Main features

## Type of database

Type of database Morbidity registers

## Database objective

Main objective The main aim of RéAC is to improve the treatment conditions for cardiac arrest victims, as well as

improve the chances of survival for patients.

Inclusion criteria	Patients who were victims of out-of-hospital (registry created in July 2011) and in-hospital cardiac arrests (currently in testing phase within volunteer establishments).
Population type	
Age	Newborns (birth to 28 days) Infant (28 days to 2 years) Early childhood (2 to 5 years) Childhood (6 to 13 years) 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	Sick population
Gender	Male Woman
Geography area	National
Detail of the geography area	France
Data collection	
Dates	
Date of first collection (YYYY or MM/YYYY)	2011
Size of the database	
Size of the database (number of individuals)	Greater than 20 000 individuals
Details of the number of individuals	45,000 (June 2015)
Data	
Database activity	Current data collection
Type of data collected	Clinical data
Clinical data (detail)	Direct physical measures Medical registration

Details of collected clinical data	Sociodemographic data; time periods and schedules; history of cardiac arrest; description of accompanying party; immediate outcome for patients. Cardiopulmonary resuscitation.
Presence of a biobank	No
Health parameters studied	Health event/morbidity Health event/mortality Health care consumption and services Quality of life/health perception
Procedures	
Data collection method	Cardiac arrest intervention sheet completed during procedure by Mobile Emergency and Resuscitation Service (SMUR) teams.
Quality procedure(s) used	Monitoring, SDV
Participant monitoring	Yes
Details on monitoring of participants	30-day follow-up for living patients on hospital admission.
Links to administrative sources	No
Promotion and access	
Promotion	
Link to the document	<a href="http://registreac.org/?cat=41">http://registreac.org/?cat=41</a>
Access	
Presence of document that lists variables and coding procedures	Yes
Terms of data access (charter for data provision, format of data, availability delay)	Several access levels are in place: ?Principal data (statistics) at national level are freely available (website); ?National data per centre are available to every registered investigator/user; ?Database (anonymised) from the centre is available to all centre users (by SMUR, SAMU, entry network); ?Full database (anonymised) is available to investigators or external parties by reasoned request (research project, thesis, etc.) to the registry scientific committee.
Access to aggregated data	Free access

Access to individual data

Access on specific project only