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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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	http://registreac.org/?cat=41

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