

# CordaBASE - Cohort of Patients Who Underwent Aortic Valve Replacement with Bioprosthesis

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General	
Identification	
Detailed name	Cohort of Patients Who Underwent Aortic Valve Replacement with Bioprosthesis
Sign or acronym	CordaBASE
CNIL registration number, number and date of CPP agreement, AFSSAPS (French Health Products Safety Agency) authorisation	CNIL: 910300
General Aspects	
Medical area	Cardiology
Health determinants	Healthcare system and access to health care services Iatrogenic
Keywords	valve deterioration, cardiology, thoracic surgery, prosthesis, aortic valve bioprosthesis, Mitroflow, cardiovascular
Scientific investigator(s) (Contact)	
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Organization	Nantes University Hospital
Collaborations	
Participation in projects, networks and consortia	Yes

Details	Nantes University Hospital Thorax Institute
Funding	
Funding status	Public
Details	Nantes university Hospital
Governance of the database	
Sponsor(s) or organisation(s) responsible	CHU Nantes
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 made on the basis of:	Another treatment or procedure
Database recruitment is carried out as part of an interventional study	Yes
Details	Performed at individual level
Database objective	
Main objective	<p>To provide specific information (incidence, mechanism, impact) regarding structural valve deterioration after fitting a Mitroflow valve.</p> <p>To compare the results with other bioprosthesis.</p> <p>To provide clinicians with information in order to choose the best solution for fitting a valve in the event of heart valve disease.</p>
Inclusion criteria	<p>Patients who underwent consecutive operations for heart valve replacement with a bioprosthesis (SORIN Mitroflow® or Carpentier-Edwards Perimount®) within the Cardiac Surgery Department at Nantes University Hospital.</p>

Population type	
Age	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
Pathology	IX - Diseases of the circulatory system
Gender	Male Woman
Geography area	Local
French regions covered by the database	Pays de la Loire
Detail of the geography area	Nantes
Data collection	
Dates	
Date of first collection (YYYY or MM/YYYY)	2002
Date of last collection (YYYY or MM/YYYY)	2019
Size of the database	
Size of the database (number of individuals)	[10 000-20 000[ individuals
Details of the number of individuals	Sorin Mitroflow, Carpentier-Edwards Perimount 2900, Cardpentier Edwards Magna Ease, St-Jude Trifecta, Medtronic Mosaic
Data	
Database activity	Current data collection
Type of data collected	Clinical data Paraclinical data
Clinical data (detail)	Direct physical measures
Details of collected clinical data	Surgical assessment; surgical procedure; stay in ICU; progression within the department

Paraclinical data (detail)	Ultrasound
Presence of a biobank	No
Health parameters studied	Health event/morbidity Health event/mortality Health care consumption and services Quality of life/health perception
Care consumption (detail)	Hospitalization
Procedures	
Data collection method	By medical staff during hospital stay then during routine visits following surgery.
Participant monitoring	Yes
Links to administrative sources	Yes
Linked administrative sources (detail)	List of patient deaths and ultrasounds carried out in the city.
Promotion and access	
Promotion	
Link to the document	<a href="http://tinyurl.com/PUBMED-CordaBase">http://tinyurl.com/PUBMED-CordaBase</a>
Access	
Terms of data access (charter for data provision, format of data, availability delay)	Contact the scientist in charge.
Access to aggregated data	Access on specific project only
Access to individual data	Access on specific project only