

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	To provide specific information (incidence, mechanism, impact) regarding structural valve deterioration after fitting a Mitroflow valve. To compare the results with other bioprosthesis. To provide clinicians with information in order to choose the best solution for fitting a valve in the event of heart valve disease.
Inclusion criteria	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.

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)
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Population covered	Sick population
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Pathology	IX - Diseases of the circulatory system
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Gender	Male Woman
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Geography area	Local
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French regions covered by the database	Pays de la Loire
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Detail of the geography area	Nantes
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Data collection

Dates

Date of first collection (YYYY or MM/YYYY)	2002
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Date of last collection (YYYY or MM/YYYY)	2019
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Size of the database

Size of the database (number of individuals)	[10 000-20 000[individuals
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Details of the number of individuals	Sorin Mitroflow, Carpentier-Edwards Perimount 2900, Carpentier Edwards Magna Ease, St-Jude Trifecta, Medtronic Mosaic
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Data

Database activity	Current data collection
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Type of data collected	Clinical data Paraclinical data
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Clinical data (detail)	Direct physical measures
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Details of collected clinical data	Surgical assessment; surgical procedure; stay in ICU; progression within the department
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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	http://tinyurl.com/PUBMED-CordaBase
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