

# EPP III - EPPIII - Cardiac rhythm, baroreflex and cardiovascular morbi-mortality on general population. The Paris Prospective Study III

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General	
Identification	
Detailed name	EPPIII - Cardiac rhythm, baroreflex and cardiovascular morbi-mortality on general population. The Paris Prospective Study III
Sign or acronym	EPP III
CNIL registration number, number and date of CPP agreement, AFSSAPS (French Health Products Safety Agency) authorisation	PROMOTION INSERM N°C07-39/ N° CNIL 1255838
General Aspects	
Medical area	Cardiology
Study in connection with Covid-19	No
Pathology (details)	Plasmatic biomarkers
Health determinants	Genetic Lifestyle and behavior Medicine Nutrition Occupation Social and psychosocial factors
Keywords	observational cohort, cardiovascular disease, sudden cardiac death, blood biomarkers, carotid rigidity, echotracking, epidemiology
Scientific investigator(s) (Contact)	
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Organization	INSERM-APHP
Collaborations	
Participation in projects, networks and consortia	Yes
Details	The Reference Values for Arterial Measurements Collaboration
Others	Collaboration with CoLaus/PsyColaus cohort (Lausanne, Switzerland), the Maastricht study (The Netherlands) and the H2020 ESCAPENET project (sudden cardiac arrest); the Rotterdam study
Funding	
Funding status	Public
Details	ANR, DGS,IRESP,DIM CARDIOVASCULAIRE (GROS MATÉRIEL)
Governance of the database	
Sponsor(s) or organisation(s) responsible	INSERM - Institut National de Santé et Recherche Médicale
Organisation status	Public
Presence of scientific or steering committees	Yes

## Additional contact

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Organization	INSERM

## Main features

### Type of database

Type of database	Study databases
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Study databases (details)	Cohort study
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Database recruitment is carried out by an intermediary	A selection of health institutions and services A population file
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Database recruitment is carried out as part of an interventional study	No
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Additional information regarding sample selection.	Prospective. Other organizations actives in the cohort constitution: Paris preventive and clinical investigation center. Inclusions completed in May 31th 2012
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### Database objective

Main objective	To assess the predictive value of novel biomarkers of various nature for incident cardiovascular diseases (CVD). Biomarkers include vascular ageing biomarkers derived from carotid echotracking, rythmic biomarkers and blood biomarkers. CVD include adjudicated sudden cardiac arrest, coronary heart disease, stroke, heart failure, peripheral artery disease and arterial aneurysms; with an extension to cancer.
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Inclusion criteria	Men and women between 50 and 75 years old, having a French general Social Security regime and consulting for an health check at the Paris preventive and clinical investigation center, voluntaries for the study (written consent), understanding French and accepting genetic analysis.
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Population type	
Age	Adulthood (45 to 64 years) Elderly (65 to 79 years)
Population covered	General population
Pathology	
Gender	Male Woman
Geography area	Local
French regions covered by the database	Île-de-France
Detail of the geography area	Paris
Data collection	
Dates	
Date of first collection (YYYY or MM/YYYY)	06/2008
Date of last collection (YYYY or MM/YYYY)	05/2012 (inclusion completed)
Size of the database	
Size of the database (number of individuals)	[1000-10 000[ individuals
Details of the number of individuals	10166
Data	
Database activity	Current data collection
Type of data collected	Clinical data Declarative data Paraclinical data Biological data Administrative data
Clinical data (detail)	Direct physical measures Medical registration
Details of collected clinical data	Clinical examination at inclusion. Information

collected during clinical examination :  
anthropometric records, blood pressure, dental,  
eye and gynecological examination? Continuous  
cardiac rhythm recording, study of the carotid  
vascular wall (echography) and carotid tracking  
echography (baroreflex measure).

Declarative data (detail)	Paper self-questionnaire Face to face interview
Details of collected declarative data	Clinical examination at inclusion. Information collected during clinical examination : anthropometric records, blood pressure, dental, eye and gynecological examination? Continuous cardiac rhythm recording, study of the carotid vascular wall (echography) and carotid tracking echography (baroreflex measure).
Paraclinical data (detail)	Imaging, holter ECG (3H) tracking carotid echography
Biological data (detail)	Samples : blood, DNA,
Presence of a biobank	Yes
Contents of biobank	Whole blood Serum Plasma DNA
Details of biobank content	Serum bank, plasma bank, DNA bank
Health parameters studied	Health event/morbidity Health event/mortality Quality of life/health perception
Procedures	
Data collection method	clinical exam+questionnaires
Quality procedure(s) used	Coherence request after computer data entry. Subjects remainders for follow-up visits. Quality audit realization: external audits every year. Other quality procedures: regular audit (once a month by Inserm). Patients are informed about the use of their data.
Participant monitoring	Yes
Monitoring procedures	Monitoring by contact with the participant (mail, e-mail, telephone etc.) Monitoring by contact with the referring doctor Monitoring by crossing with a medical-

## administrative database

Details on monitoring of participants	self-reported questionnaire every 2 years to assess health and clinical events (cardiovascular, cancer, mortality) subsequently adjudicated; currently 12y f-up with 83% average retention rate
Followed pathology	? - Death from any cause
	IX - Diseases of the circulatory system
	II - Neoplasms
Links to administrative sources	Yes
Linked administrative sources (detail)	CépiDC; SNIRAM and PMSI (ongoing, regulatory issues)
Promotion and access	
Promotion	
Link to the document	<a href="http://www.ncbi.nlm.nih.gov/pubmed/?term=%28%28%22Study+III%22+OR+%22Study+3%22%29+AND+%22paris+prospective+study%22%29">http://www.ncbi.nlm.nih.gov/pubmed/?term=%28%28%22Study+III%22+OR+%22Study+3%22%29+AND+%22paris+prospective+study%22%29</a>
Description	List of publications in Pubmed
Link to the document	<a href="#">PPS3 publication list_Nov 2024.pdf</a>
Description	Scientific publication list by Nov 11-2024
Access	
Presence of document that lists variables and coding procedures	Yes
Terms of data access (charter for data provision, format of data, availability delay)	Possible data utilization by academic teams: access conditions provided by a written convention. Possible use for industrial sector: contractual access conditions. Steering committee contact : pps3.u970@inserm.fr or jean-philippe.empana@inserm.fr
Access to aggregated data	Access on specific project only
Access to individual data	Access on specific project only