

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

Head :Empana Jean-Philippe, U 970 INSERM
Jouven , U970 PARIS Descartes

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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)	
Name of the director	Empana
Surname	Jean-Philippe

Address	75015 PARIS
Phone	+33 (0)1 53 98 80 20
Email	jean-philippe.empana@inserm.fr
Unit	U 970 INSERM
Organization	INSERM - Institut National de Santé et Recherche
Name of the director	Jouven
Address	75015 PARIS
Phone	+ 33 (0)1 56 09 36 87
Email	xavier.jouven@egp.aphp.fr
Unit	U970 PARIS Descartes
Organization	INSERM-APHP
Collaborations	
Participation in projects, networks and consortia	Yes
Details	The Reference Values for Arterial Measurements Collaboration
Others	Other related cohorts: Constances cohort which will be supported by several French centers, including the Paris one
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	

Name of the contact	Perier
Surname	Marie
Address	INSERM U970 56 Rue Leblanc 75015 Paris
Email	marie-cecile.perier@inserm.fr
Unit	U970
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	Cross sectional analysis: 1) associations between baroreflex sensitivity and cardiac rhythm 2) determinants of the carotid stiffness and rigidity parameters as measured by echotracking. Longitudinal analysis : 1) Cardiac rhythm and CV morbi-mortality 2) Baroreflex sensibility and CV morbi-mortality 3) Arterial stiffness and CV morbi-mortality 4) Biomarkers and CV morbi-mortality
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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, urine
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	Self-questionnaire: paper form Clinical exams: hand written step Biological exams: direct entry
Quality procedure(s) used	Coherence request after computer data entry. Missing data asked back to the original file. 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	Follow-up duration : 10 years at least; self-reported health and health events (cardiovascular, cancer, mortality) by questionnaire subsequently validated by independent adjudication committee
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 (to be done)
Promotion and access	
Promotion	
Link to the document	http://www.ncbi.nlm.nih.gov/pubmed/?term=%28%28%22Study+III%22+OR+%22Study+3%22%29+AND+%22paris+prospective+study%22%29
Description	List of publications in Pubmed
Link to the document	EPP3-Publications list-Nov2019.pdf
Description	Scientific publication list by Nov 28-2019
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