

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)

Name of the director Empana

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Collaborations

Participation in projects, networks and consortia	Yes
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Details	The Reference Values for Arterial Measurements Collaboration
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Others	Other related cohorts: Constances cohort which will be supported by several French centers, including the Paris one
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Funding

Funding status	Public
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Details	ANR, DGS, IRESP, DIM CARDIOVASCULAIRE (GROS MATÉRIEL)
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Governance of the database

Sponsor(s) or organisation(s) responsible	INSERM - Institut National de Santé et Recherche Médicale
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Organisation status	Public
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Presence of scientific or steering committees	Yes
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Additional contact

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Organization	INSERM

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
A population file

Database recruitment is carried out as part of an interventional study No

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

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

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.

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
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Followed pathology	? - Death from any cause
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	IX - Diseases of the circulatory system
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	II - Neoplasms
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Links to administrative sources	Yes
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Linked administrative sources (detail)	CépiDC; SNIRAM and PMSI (to be done)
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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
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Description	List of publications in Pubmed
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Link to the document	EPP3-Publications list-Nov2019.pdf
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Description	Scientific publication list by Nov 28-2019
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Access

Presence of document that lists variables and coding procedures	Yes
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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
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Access to aggregated data	Access on specific project only
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Access to individual data	Access on specific project only
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