REN-ART NEPHROTEST - Identification of artery stiffening as a risk factor associated with deterioration in renal function for individuals with chronic kidney disease

Head :BOUTOUYRIE Pierre, U970 PARCC (PARIS - CENTRE DE RECHERCHE CARDIOVASCULAIRE)

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General

Identification

Detailed name	Identification of artery stiffening as a risk factor associated with deterioration in renal function for individuals with chronic kidney disease
Sign or acronym	REN-ART NEPHROTEST
CNIL registration number, number and date of CPP agreement, AFSSAPS (French Health Products Safety Agency) authorisation	CNIL 07/12/2000, n° 546379

General Aspects

Medical area	Cardiology Urology, andrology and nephrology
Keywords	Dialysis, pharmacology

Scientific investigator(s) (Contact)

Name of the director	BOUTOUYRIE
Surname	Pierre
Address	GH GEORGES POMPIDOU BROUSSAIS 56 RUE LEBLANC 75015 PARIS France
Phone	+33 (0)1 56 09 39 66
Email	pierre.boutouyrie@egp.aphp.fr; pierre.boutouyrie@inserm.fr
Unit	U970 PARCC (PARIS - CENTRE DE RECHERCHE CARDIOVASCULAIRE)
Organization	APHP - Inserm

Collaborations	
Participation in projects, networks and consortia	Yes
Funding	
Funding status	Public
Details	PHRC - Assistance publique - Hôpitaux de Paris (AP-HP)
Governance of the database	
Sponsor(s) or organisation(s) responsible	ASSISTANCE PUBLIQUE - HÔPITAUX DE PARIS
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 carried out as part of an interventional study	No
Additional information regarding sample selection.	Retrospective - Patients enrolled in the NephroTest cohort - Inclusion cut-off: 01/12/2005
Database objective	
Main objective	General objective: to show that aortic stiffness predicts the rate of renal function decline in patients with moderate to severe CKD. Secondary objectives: - To identify the relationship between arterial parameters, renal function and metabolic parameters; - to examine the evolution of arterial parameters throughout kidney disease progression; - to examine the evolution of arterial parameters other than aortic stiffness and renal function deterioration; - to correlate vascular properties with the occurrence of cardiovascular

	and renal events with a composite endpoint (end-stage KD...).
Inclusion criteria	Glomerular filtration rate less than 60 ml/min
Population type	
Age	Adolescence (13 to 18 years) 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
Gender	Male Woman
Geography area	Local
French regions covered by the database	Île-de-France
Detail of the geography area	Multicentric cohort throughout France (2 centres: Bichat and HEGP) Geographical area covered: Paris
Data collection	
Dates	
Date of first collection (YYYY or MM/YYYY)	06/2003
Date of last collection (YYYY or MM/YYYY)	04/2009
Size of the database	
Size of the database (number of individuals)	< 500 individuals
Details of the number of individuals	465
Data	
Database activity	Data collection completed
Type of data collected	Clinical data Biological data

Clinical data (detail)	Direct physical measures Medical registration
Biological data (detail)	Blood samples
Presence of a biobank	No
Health parameters studied	Health event/morbidity Health event/mortality

Procedures

Data collection method	Interview: direct input Clinical examinations: direct input Biological analysis: direct input
Participant monitoring	Yes
Details on monitoring of participants	3 years
Links to administrative sources	No

Promotion and access

Promotion

Link to the document	http://www.ncbi.nlm.nih.gov/pubmed/?term=%28REN-ART+AND+Boutouyrie[author]%29+OR+21493771[uid]+OR+19654229[uid]+OR+16408126[uid]
Description	List of publications in Pubmed

Access

Terms of data access (charter for data provision, format of data, availability delay)	To be decided if data may be used by academic teams. Data may not be used by industrial teams.
Access to aggregated data	Access on specific project only
Access to individual data	Access on specific project only