

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

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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)	
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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