

# 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	<a href="http://www.ncbi.nlm.nih.gov/pubmed/?term=%28REN-ART+AND+Boutouyrie[author]%29+OR+21493771[uid]+OR+19654229[uid]+OR+16408126[uid]">http://www.ncbi.nlm.nih.gov/pubmed/?term=%28REN-ART+AND+Boutouyrie[author]%29+OR+21493771[uid]+OR+19654229[uid]+OR+16408126[uid]</a>
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