

KARU-PROSTATE - Case-Control Study on the Impact of Chlordecone Exposure and Risk of Prostate Cancer in the West Indies

Head :Multigner Luc , U1085 Research Institute of Health, Environment and Work

Last update : 09/05/2017 | Version : 1 | ID : 6732

General

Identification

Detailed name Case-Control Study on the Impact of Chlordecone Exposure and Risk of Prostate Cancer in the West Indies

Sign or acronym KARU-PROSTATE

CNIL registration number, number and date of CPP agreement, AFSSAPS (French Health Products Safety Agency) authorisation

CNIL

General Aspects

Medical area Cancer research
Urology, andrology and nephrology

Pathology (details) Prostate cancer

Health determinants
Climate
Geography
Intoxication
Nutrition

Keywords chlordecone, West Indies, exposure, contamination, prostate

Scientific investigator(s) (Contact)

Name of the director Multigner

Surname Luc

Address 263 Avenue du Général Leclerc - Campus de Beaulieu - BAT 13 - 35042 RENNES

Phone +33 (0)2 23 23 69 11

Email luc.multigner@inserm.fr

Unit U1085 Research Institute of Health, Environment and Work

Organization National Institute of Health and Medical Research

Collaborations

Funding

Funding status Public

Details National Institute of Health and Medical Research ? Rennes 1 University ? Ministry of Health (Clinical Research Hospital Programme) ? Ministry of Research (University of Guiana and West Indies Multi-Training Programme) ? Health, Environment and Occupational Research Programme from the French Agency for Environmental and Occupational Health and Safety ? Ministry for Overseas Departments ? Directorate-General for Health ? Health and Social Development Department of Guadeloupe ? Cancer Research Association and The Guadeloupe Cancer League Committee

Governance of the database

Sponsor(s) or organisation(s) responsible Inserm - Institut national de la santé et de la recherche médicale

Organisation status Public

Additional contact

Main features

Type of database

Type of database Study databases

Study databases (details) Case control 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. Subjects recruited by urologists and controls at Health Examination Centres among men residing in the area.

Database objective

| | |
|--------------------|---|
| Main objective | To identify the environmental and genetic risk factors of prostate cancer and to assess the impact of chlordecone exposure in the onset of the disease. |
| Inclusion criteria | ? Male ? Adult ? Caribbean native (Guadeloupe, Martinique, Haiti, Dominica) |

Population type

| | |
|-----|--|
| Age | Adulthood (19 to 24 years) Adulthood (25 to 44 years) Adulthood (45 to 64 years) |
|-----|--|

| | |
|--------------------|--------------------|
| Population covered | General population |
|--------------------|--------------------|

| | |
|--------|------|
| Gender | Male |
|--------|------|

| | |
|----------------|----------|
| Geography area | National |
|----------------|----------|

| | |
|------------------------------|--|
| Detail of the geography area | Guadeloupe, Martinique, Haiti, Dominica. |
|------------------------------|--|

Data collection

Dates

| | |
|--|------|
| Date of first collection (YYYY or MM/YYYY) | 2004 |
|--|------|

| | |
|---|------|
| Date of last collection (YYYY or MM/YYYY) | 2007 |
|---|------|

Size of the database

| | |
|--|---------------------------|
| Size of the database (number of individuals) | [1000-10 000[individuals |
|--|---------------------------|

| | |
|--------------------------------------|---------------------------------|
| Details of the number of individuals | 1294 ? 623 cases ? 671 controls |
|--------------------------------------|---------------------------------|

Data

| | |
|-------------------|---------------------------|
| Database activity | Data collection completed |
|-------------------|---------------------------|

| | |
|------------------------|--|
| Type of data collected | Clinical data Declarative data Biological data |
|------------------------|--|

| | |
|---|---|
| Clinical data (detail) | Medical registration |
| Declarative data (detail) | Paper self-questionnaire |
| Details of collected declarative data | Demographic and anthropomorphic characteristics; duration and places of residence since birth; lifestyle; professional data; family history of prostate cancer; medical history; drug use and prostate cancer screening history. Weight; height; waist and hip circumference. |
| Biological data (detail) | Blood sample |
| Presence of a biobank | Yes |
| Contents of biobank | Plasma DNA |
| Health parameters studied | Health event/morbidity Others |
| Other (detail) | Exposure to chlordecone |
| Procedures | |
| Participant monitoring | No |
| Links to administrative sources | No |
| Promotion and access | |
| Promotion | |
| Link to the document | http://jco.ascopubs.org/content/28/21/3457.long#ack-1 |
| Access | |
| Terms of data access (charter for data provision, format of data, availability delay) | Contact the scientist in charge. |
| Access to aggregated data | Access on specific project only |
| Access to individual data | Access on specific project only |