

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

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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)

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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)
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Population covered	General population
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Gender	Male
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Geography area	National
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Detail of the geography area	Guadeloupe, Martinique, Haiti, Dominica.
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Data collection

Dates

Date of first collection (YYYY or MM/YYYY)	2004
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Date of last collection (YYYY or MM/YYYY)	2007
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Size of the database

Size of the database (number of individuals)	[1000-10 000[individuals
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Details of the number of individuals	1294 ? 623 cases ? 671 controls
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Data

Database activity	Data collection completed
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Type of data collected	Clinical data Declarative data Biological data
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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