

# 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)
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	<a href="http://jco.ascopubs.org/content/28/21/3457.long#ack-1">http://jco.ascopubs.org/content/28/21/3457.long#ack-1</a>
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