

Poly - Case-control Study on Thyroid Cancer Risk in French Polynesia

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General

Identification

Detailed name Case-control Study on Thyroid Cancer Risk in French Polynesia

Sign or acronym Poly

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

General Aspects

Medical area Cancer research

Pathology (details) Impact of ESS

Health determinants Geography
Nutrition
Pollution

Keywords geographical study, French Polynesia, stable iodine, obesity, nuclear tests, thyroid cancer, case-control study, diet, incidence

Scientific investigator(s) (Contact)

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Organization Institut National de la Santé et de la Recherche

Collaborations	
Funding	
Funding status	Mixed
Details	- Directorate of Nuclear Test Centres (DIRCEN) - French National Cancer League - Fondation de France - French Ministry of the Environment
Governance of the database	
Sponsor(s) or organisation(s) responsible	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 population file An administrative base or a register
Database recruitment is carried out as part of an interventional study	No
Additional information regarding sample selection.	Subjects were selected from the cancer registry in French Polynesia.
Database objective	
Main objective	The objective is to assess the role of nuclear tests on the risk of thyroid cancer and to estimate the risk of cancer in subjects born in French Polynesia by studying 1) the role of certain elements and molecules present in diet, which are suspected of playing their own role in the risk of thyroid cancer, and investigating 2) the role of dietary intake in stable iodine consumption in the risk of thyroid cancer.
Inclusion criteria	- male or female - subjects - living in French Polynesia

Population type	
Age	Adulthood (19 to 24 years) Adulthood (25 to 44 years) Adulthood (45 to 64 years)
Population covered	General population
Gender	Male Woman
Geography area	Regional
Detail of the geography area	French Polynesia
Data collection	
Dates	
Date of first collection (YYYY or MM/YYYY)	1985
Date of last collection (YYYY or MM/YYYY)	2012
Size of the database	
Size of the database (number of individuals)	[500-1000[individuals
Details of the number of individuals	602 subjects - 229 differentiated thyroid cancers - 373 controls
Data	
Database activity	Current data collection
Type of data collected	Clinical data Declarative data
Clinical data (detail)	Direct physical measures
Details of collected clinical data	Data from the pathology and biology laboratories in Mamao Hospital.
Declarative data (detail)	Paper self-questionnaire
Details of collected declarative data	Subject dietary data.
Presence of a biobank	No

Health parameters studied	Health event/morbidity Health event/mortality Others
Other (detail)	Nutrition
Procedures	
Participant monitoring	Yes
Links to administrative sources	No
Promotion and access	
Promotion	
Link to the document	http://onlinelibrary.wiley.com/doi/10.1046/j.1365-3156.2000.00624.x/full
Access	
Terms of data access (charter for data provision, format of data, availability delay)	To be defined
Access to aggregated data	Access on specific project only
Access to individual data	Access on specific project only