

Young-Thyr - Risk Factors of Differentiated Thyroid Cancer in Young Patients in Eastern France: A Case-Control Study

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General	
Identification	
Detailed name	Risk Factors of Differentiated Thyroid Cancer in Young Patients in Eastern France: A Case-Control Study
Sign or acronym	Young-Thyr
CNIL registration number, number and date of CPP agreement, AFSSAPS (French Health Products Safety Agency) authorisation	Accord CNIL
General Aspects	
Medical area	Cancer research
Health determinants	Genetic Geography Pollution
Keywords	Environmental factors, Chernobyl, genetic factors
Scientific investigator(s) (Contact)	
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Unit	Equipe 3 Épidémiologie des cancers : radiocarcinogénèse et effets iatrogènes des traitements UMR 1018 Center for research in epidemiology and

population health (CESP)

Organization

Institut National de la Santé et de la Recherche Médicale -

Collaborations

Funding

Funding status

Mixed

Details

- Ligue contre le cancer - LNCC - Agence nationale d'accréditation et d'évaluation en santé - ANAES - Institut national du cancer - INCa - Institut de veille sanitaire - InVS

Governance of the database

Sponsor(s) or organisation(s) responsible

Institut National de la Santé et de la Recherche Médicale - INSERM

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 care professionals

Database recruitment is carried out as part of an interventional study

No

Additional information regarding sample selection.

Case study is comprised of subjects under 15 years of age at the time of the Chernobyl accident who developed differentiated thyroid cancer between 2002 and 2006 in one of the following 7 Eastern regions in France: Champagne-Ardennes, Lorraine, Franche Comté, Rhône-Alpes, Provence-Alpes-Côte d'Azur and Corsica. Case-controls are randomly selected from the general population and matched according to gender, age and region of residence.

Database objective

Main objective	To highlight genetic and environmental factors that contribute to the onset of differentiated thyroid cancer in children and young adults. To study the potential consequences of the Chernobyl accident.
Inclusion criteria	- Men or women - residing in Eastern France
Population type	
Age	Early childhood (2 to 5 years) Childhood (6 to 13 years) Adolescence (13 to 18 years) 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
French regions covered by the database	Alsace Champagne-Ardenne Lorraine Auvergne Rhône-Alpes Bourgogne Franche-Comté Corse Provence - Alpes - Côte d'Azur
Detail of the geography area	The following 7 Eastern regions in France: Champagne-Ardenne, Lorraine, Franche Comté, Rhône-Alpes, Provence-Alpes-Côte d'Azur and Corsica
Data collection	
Dates	
Date of first collection (YYYY or MM/YYYY)	2005
Date of last collection (YYYY or MM/YYYY)	2010
Size of the database	
Size of the database (number of individuals)	[1000-10 000[individuals
Details of the number of individuals	1700 - 825 cas - 875 témoins

Data

Database activity	Data collection completed
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Type of data collected	Declarative data Biological data
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Declarative data (detail)	Face to face interview
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Biological data (detail)	Saliva samples.
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Presence of a biobank	Yes
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Contents of biobank	Fluids (saliva, urine, amniotic fluid, ?)
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Details of biobank content	Saliva
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Health parameters studied	Health event/morbidity Health event/mortality
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Procedures

Participant monitoring	No
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Links to administrative sources	No
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Promotion and access

Promotion

Link to the document	http://www.ncbi.nlm.nih.gov/pubmed/?term
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Access

Dedicated website	https://cesp.inserm.fr
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Terms of data access (charter for data provision, format of data, availability delay)	Contact the scientist in charge
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Access to aggregated data	Access on specific project only
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Access to individual data	Access on specific project only
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