

# 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
<b>Population type</b>	
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-Ardennes, Lorraine, Franche Comté, Rhône-Alpes, Provence-Alpes-Côte d'Azur and Corsica
<b>Data collection</b>	
<b>Dates</b>	
Date of first collection (YYYY or MM/YYYY)	2005
Date of last collection (YYYY or MM/YYYY)	2010
<b>Size of the database</b>	
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

Type of data collected Declarative data  
Biological data

Declarative data (detail) Face to face interview

Biological data (detail) Saliva samples.

Presence of a biobank Yes

Contents of biobank Fluids (saliva, urine, amniotic fluid, ?)

Details of biobank content Saliva

Health parameters studied Health event/morbidity  
Health event/mortality

## Procedures

Participant monitoring No

Links to administrative sources No

## Promotion and access

### Promotion

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

### Access

Dedicated website <https://cesp.inserm.fr>

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