

# CECILE - Breast Cancer: Epidemiological Study on Environment in Côte d'Or and Ille-et-Vilaine

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## General

### Identification

Detailed name Breast Cancer: Epidemiological Study on Environment in Côte d'Or and Ille-et-Vilaine

Sign or acronym CECILE

CNIL registration number, number and date of CPP agreement, AFSSAPS (French Health Products Safety Agency) authorisation CNIL n°04-1230 (2004), CPP (CCPPRB Kremlin-Bicêtre) n°04-53 (ref 04-21)

### General Aspects

Medical area Cancer research

Health determinants Genetic  
Geography  
Nutrition  
Occupation  
Pollution

Others (details) Breast cancer

Keywords Risk factors, exposure, environment

### Scientific investigator(s) (Contact)

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Unit CESP - UMR S 1018  
Epidémiologie environnementale des cancers de l'adulte

Organization

Institut National de la Santé et de la Recherche

Collaborations

Funding

Funding status

Mixed

Details

- Institut National Du Cancer - Agence nationale de sécurité sanitaire de l'alimentation, de l'environnement et du travail - Ligue Nationale contre le Cancer, - Agence Nationale de la Recherche - Fondation de France

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 selection of health institutions and services

Database recruitment is carried out as part of an interventional study

No

Additional information regarding sample selection.

Cases were identified by main cancer treatment centres in the Côte d'Or and Ile-et-Vilaine départements. Case-controls are women matched according to cancer case age and are selected in order to form a representative sample of women of the same age in each département.

Database objective

Main objective

To highlight environmental risk factors for breast cancer and investigate the role of lifestyle or exposure to harmful conditions. To identify genetic susceptibility factors and study gene?environment interaction.

Inclusion criteria

- women aged 75 years old and under

## Population type

Age  
Adulthood (19 to 24 years)  
Adulthood (25 to 44 years)  
Adulthood (45 to 64 years)  
Elderly (65 to 79 years)

Population covered  
General population

Gender  
Woman

Geography area  
Departmental

French regions covered by the database  
Bourgogne Franche-Comté  
Bretagne

Detail of the geography area  
Côte d'Or and Ille-et-Vilaine

## Data collection

### Dates

Date of first collection (YYYY or MM/YYYY)  
2005

Date of last collection (YYYY or MM/YYYY)  
2008

### Size of the database

Size of the database (number of individuals)  
[1000-10 000] individuals

Details of the number of individuals  
2500 sujets - 1200 cas / cases - 1300 témoins / controls

## Data

Database activity  
Data collection completed

Type of data collected  
Clinical data  
Declarative data  
Biological data

Clinical data (detail)  
Direct physical measures

Declarative data (detail)  
Face to face interview

Biological data (detail)  
Anatomopathological classification of tumour for  
DNA bank and serum bank

Presence of a biobank	Yes
Contents of biobank	Whole blood Serum Buccal cells DNA
Details of biobank content	DNA bank and serum bank
Health parameters studied	Health event/morbidity Health care consumption and services
Care consumption (detail)	Hospitalization Medical/paramedical consultation Medicines consumption
<b>Procedures</b>	
Data collection method	Questionnaire and blood sample obtained by investigating nurse
Participant monitoring	No
Links to administrative sources	No
<b>Promotion and access</b>	
<b>Promotion</b>	
Link to the document	<a href="http://www.ncbi.nlm.nih.gov/pubmed/21472744">http://www.ncbi.nlm.nih.gov/pubmed/21472744</a>
Link to the document	<a href="http://www.ncbi.nlm.nih.gov/pubmed/22689255">http://www.ncbi.nlm.nih.gov/pubmed/22689255</a>
<b>Access</b>	
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