

# GENEPSO - Prospective Breast and Ovarian Genetic Study: genetic predisposition to breast and ovarian cancer: a prospective study of BRCA mutation carriers

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## General

### Identification

Detailed name Prospective Breast and Ovarian Genetic Study: genetic predisposition to breast and ovarian cancer: a prospective study of BRCA mutation carriers

Sign or acronym GENEPSO

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

### General Aspects

Medical area Cancer research

Health determinants Genetic

Keywords BRCA gene mutation, standardised collection, prospective follow-up, Health events, death

### Scientific investigator(s) (Contact)

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Organization	Centre René

### Collaborations

Participation in projects, networks and consortia	Yes
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### Funding

Funding status	Mixed
Details	Ligue contre le Cancer, FDF

### Governance of the database

Sponsor(s) or organisation(s) responsible	Centre René HUGUENIN
Organisation status	Public

### Additional contact

### Main features

#### Type of database

Type of database	Study databases
Study databases (details)	Cohort 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.	Prospective

#### Database objective

Main objective	General objective: to form a cohort of BRCA gene mutation carriers for standardised data collection and to establish a prospective follow-up over 10 years. Treatment for families can be improved by resolving certain questions (projects with associated INSERM teams): 1) what is the risk of
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developing breast and/or ovarian cancer for gene mutation carriers during their lifetime? 2) are cancer risks modified by environmental factors (in particular medical radiation), hormonal factors (endogenous or exogenous), or other genetic factors? 3) should the same parameters be used to evaluate the prognosis of sporadic cancer? 4) what is the psychological and social impact for people with a known predisposition to breast and/or ovarian cancer?

Inclusion criteria	Adult subjects with no mental disability who are BRCA genetic mutation carriers
<b>Population type</b>	
Age	Adulthood (19 to 24 years) Adulthood (25 to 44 years) Adulthood (45 to 64 years)
Population covered	Sick population
Gender	Male Woman
Geography area	National
Detail of the geography area	Multicentric cohort (29 centres throughout France)
<b>Data collection</b>	
<b>Dates</b>	
Date of first collection (YYYY or MM/YYYY)	11/1999
<b>Size of the database</b>	
Size of the database (number of individuals)	[1000-10 000[ individuals
Details of the number of individuals	1425
<b>Data</b>	
Database activity	Data collection completed
Type of data collected	Clinical data Declarative data Paraclinical data Biological data

Clinical data (detail)	Medical registration
Declarative data (detail)	Paper self-questionnaire
Paraclinical data (detail)	Imaging
Biological data (detail)	Type of samples taken: Blood, tumour tissue
Presence of a biobank	No
Health parameters studied	Health event/morbidity Health event/mortality

## Procedures

Data collection method	Self-administered questionnaire: from a paper questionnaire (manual input) Interview: from a paper questionnaire (manual input)
Participant monitoring	Yes
Details on monitoring of participants	Follow-up duration: 10 years
Links to administrative sources	No

## Promotion and access

### Promotion

Link to the document	<a href="http://www.hal.inserm.fr/GENEPSO">http://www.hal.inserm.fr/GENEPSO</a>
Description	List of publications in HAL
Link to the document	<a href="http://www.ncbi.nlm.nih.gov/pubmed/?term=genepso+OR+24889689[uid]+OR+22378286[uid]">http://www.ncbi.nlm.nih.gov/pubmed/?term=genepso+OR+24889689[uid]+OR+22378286[uid]</a>
Description	List of publications in Pubmed

### Access

Terms of data access (charter for data provision, format of data, availability delay)	Data may be used by academic teams Data may be used by industrial teams
Access to aggregated data	Access on specific project only
Access to individual data	Access on specific project only