

# ICARE - Respiratory CAncer and Environment Investigation

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## General

### Identification

Detailed name Respiratory CAncer and Environment Investigation

Sign or acronym ICARE

CNIL registration number, number and date of CPP agreement, AFSSAPS (French Health Products Safety Agency) authorisation CNIL n° 90120

### General Aspects

Medical area Cancer research  
Pneumology

Health determinants Addictions  
Genetic  
Occupation

Keywords tumours, tumour microenvironment, aerodigestive, Environment, risk, genes, mutations, exposure

### Scientific investigator(s) (Contact)

Name of the director Stücker

Surname Isabelle

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Unit CESP U1018 / Epidémiologie Environnementale des Cancers

Organization Institut National de la Santé et de la Recherche

### Collaborations

Participation in projects, networks and consortia Yes

## Funding

Funding status Mixed

Details - Institut National Du Cancer- Agence nationale de sécurité sanitaire de l'alimentation, de l'environnement et du travail - Fondation pour la Recherche Médicale en France- Fondation ARC pour la recherche sur le cancer- Agence Nationale de la Recherche- Fondation de France- Ministère de l'emploi et de la SolidaritéLe projet de constitution d'un biobanque au sein de la cohorte nécessite un financement additionnel

## 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) Longitudinal study (except cohorts)

Database recruitment is carried out by an intermediary A selection of health institutions and services  
An administrative base or a register

Database recruitment is carried out as part of an interventional study No

Additional information regarding sample selection. Cases were identified in collaboration with cancer registries.

## Database objective

Main objective To determine the professional risk factors of lung and upper aerodigestive tract cancers.

Inclusion criteria - Men or women - adult - patients in ICARE study that have been diagnosed between 2001 and 2007 in one of the ten départements that include a general cancer registry.

## Population type

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  
Patients that have been diagnosed within the ten départements that include a general cancer registry (Bas-Rhin, Calvados, Doubs, Haut Rhin, Hérault, Isère, Loire Atlantique, Manche, Somme, Vendée).

## Data collection

### Dates

Date of first collection (YYYY or MM/YYYY)  
2001

### Size of the database

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

Details of the number of individuals  
5341 patients :- 2276 hommes et 650 femmes présentant un cancer du poumon / lung cancer = 2926- 2054 hommes et 361 femmes avec un cancer des voies aéro digestives supérieures (VADS) = 2415

## Data

Database activity  
Current data collection

Type of data collected  
Clinical data  
Declarative data  
Paraclinical data  
Biological data

Clinical data (detail)  
Direct physical measures

Declarative data (detail)  
Face to face interview

Paraclinical data (detail)  
Anatomic pathology reports and patient clinical records from the registry, anonymised and

identified by ICARE No. are scanned and stored on a specific server dedicated to the study.

Biological data (detail)	DNA
Presence of a biobank	Yes
Contents of biobank	Tissues Buccal cells DNA
Details of biobank content	All deceased patient materials (biopsies, parts or segments) can be completely assigned to the collection. All anatomic-pathology laboratories will keep a sufficient quantity of tumour material for living patients in order to carry out necessary analyses for patient follow-up or medical treatment.
Health parameters studied	Health event/morbidity Health event/mortality Health care consumption and services Quality of life/health perception
Care consumption (detail)	Medical/paramedical consultation
<b>Procedures</b>	
Data collection method	--
Participant monitoring	Yes
Details on monitoring of participants	Monitored from date of diagnosis until death
Links to administrative sources	No
<b>Promotion and access</b>	
<b>Promotion</b>	
Link to the document	<a href="http://ilcco.iarc.fr/index.php">http://ilcco.iarc.fr/index.php</a>
Link to the document	<a href="http://tinyurl.com/Ha-ICARE">http://tinyurl.com/Ha-ICARE</a>
Description	List of publications in HAL
Link to the document	<a href="http://www.ncbi.nlm.nih.gov/pubmed/?term=icare+AND+St%C3%BCcker[author]">http://www.ncbi.nlm.nih.gov/pubmed/?term=icare+AND+St%C3%BCcker[author]</a>
Description	List of publications in Pubmed
<b>Access</b>	

Terms of data access (charter for data provision, format of data, availability delay)

The bank is accessible to foreign parties for the development of specific projects. These projects must bring funding. The steering committee will evaluate the feasibility and scientific merit of each project to optimise the use of tissues. Contact the scientist in charge

Access to aggregated data

Access on specific project only

Access to individual data

Access on specific project only