

# MESONAT - French registry of pleural mesothelioma cases

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## General

### Identification

Detailed name French registry of pleural mesothelioma cases

Sign or acronym MESONAT

CNIL registration number,  
number and date of CPP  
agreement, AFSSAPS (French  
Health Products Safety Agency)  
authorisation CNIL 998100

### General Aspects

Medical area Cancer research  
Rare diseases

Health determinants Iatrogenic  
Occupation

Keywords asbestos, other fibers, genetics., environment,  
irradiation

### Scientific investigator(s) (Contact)

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Organization CHU

## Collaborations

## Funding

Funding status Public

Details Institut de veille sanitaire - InVS

## Governance of the database

Sponsor(s) or organisation(s) responsible CHU Caen

Organisation status Public

## Additional contact

## Main features

## Type of database

Type of database Morbidity registers

Additional information regarding sample selection. Selection of subjects having the required inclusion criteria. The sources called on for collecting cases can vary from département to département, but they systematically rely on public and private anatomopathology laboratories, public and private hospital departments of pneumology, thoracic surgery, internal medicine and oncology, occupational disease appointments (when these exist), the medical department of the Primary Health Insurance Funds (CPAMs) and other social security schemes (chronic disease applications) as well as medical information departments (DIMs).

## Database objective

Main objective The registry is the kingpin of the PNSM (National Program for Mesothelioma Surveillance) and forms the basic tool of the national system for epidemiological mesothelioma surveillance for the purposes of public health. This surveillance includes in particular:

- Estimation of national incidence: an incidence/mortality ratio is established on the basis of data from the départements covered by the registry and applied to national mortality data by age range, whole of France, with men and women considered separately.
- Improvement in the anatomopathological diagnosis of mesothelioma

- Description of the activity sectors and at-risk professions for mesothelioma in men: the economic activity sectors and professions are grouped according to the degree of pleural mesothelioma risk.
- Establishment of attributable fractions: the risk fraction attributable to occupational asbestos exposure in men has been put overall at 83.2% (CI 95%: 76.8-89.6); more in-depth analyses are in the pipeline.
- Evaluation of mesothelioma treatment as an occupational disease; this is another branch of systematic analysis because the level of recognition is insufficient overall.

#### Inclusion criteria

The cases recorded are of patients living in the départements described below who presented the first signs of pleural mesothelioma from 1998 to the current year.

### Population type

Age  
 Adolescence (13 to 18 years)  
 Adulthood (19 to 24 years)  
 Adulthood (25 to 44 years)  
 Adulthood (45 to 64 years)  
 Elderly (65 to 79 years)  
 Great age (80 years and more)

Population covered      Sick population

Gender      Male  
 Woman

Geography area      National

Detail of the geography area      22 departments in 2008 : Calvados (14), Dordogne (24), Doubs (25), Gironde (33), Isère (38), Landes (40), Loire-Atlantique (44), Lot-et-Garonne (47), Manche (50), Orne (61), Pyrénées-Atlantiques (64), Bas-Rhin (67), Haut-Rhin (68), Somme (80), Bouches-du-Rhône (13), Var (83) et Seine-Saint-Denis (93), Val-de-Marne (94), Alpes-Maritimes (06), Haute-Corse (2B), Corse-du-Sud (2A) et Seine-Maritime (76)

### Data collection

#### Dates

Date of first collection (YYYY or MM/YYYY)      1998

## Size of the database

Size of the database (number of individuals) < 500 individuals

Details of the number of individuals 1998-2006 : 1900 (238/an/year)

## Data

Database activity Current data collection

Type of data collected  
Clinical data  
Paraclinical data  
Biological data  
Administrative data

Clinical data (detail) Direct physical measures

Details of collected clinical data  
> Cancer antecedents > Tumor: location, date of initial diagnosis, date of first sample, sample recording date, diagnostic method (clinic & biologic, paraclinic, cytology/histology), tumor morphology, WHO grade, tumor size, tumor stage, metastasis > Treatments: date of first treatment, surgery, chemotherapy, radiotherapy, palliative

Paraclinical data (detail) anatomopathological lesion

Biological data (detail) markers

Administrative data (detail)  
> Demographic: date of birth, gender, place of birth, current residence, name and address of their physician(s), health insurance regimen

Presence of a biobank Yes

Contents of biobank  
Tissues  
DNA  
DNAc/RNAc

Details of biobank content  
cryopreserved tissues  
tissues included in paraffin  
DNA  
DNAc/RNAc

Health parameters studied  
Health event/morbidity  
Health event/mortality

## Procedures

Data collection method letters, emails, visits, phone calls and passive collection.

Classifications used CIM0/CIM10/ADICAP

Participant monitoring	Yes
Details on monitoring of participants	- sample-based for specific studies- vital status (in some départements and for specific studies) once a year

Links to administrative sources	Yes
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Linked administrative sources (detail)	PMSI
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## Promotion and access

### Promotion

Link to the document	<a href="#">Mesobank.pdf</a>
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### Access

Terms of data access (charter for data provision, format of data, availability delay)	Biannual bulletin to the InVS (French Institute for Public Health Surveillance), by request and upon publication.
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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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