

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.	<p>Selection of subjects having the required inclusion criteria.</p> <p>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).</p>
Database objective	
Main objective	<p>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:</p> <ul style="list-style-type: none"> - 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 tissuetissues included in paraffinDNAc/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
Linked administrative sources (detail)	PMSI
Promotion and access	
Promotion	
Link to the document	Mesobank.pdf
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.
Access to aggregated data	Access on specific project only
Access to individual data	Access on specific project only