

SPIRALE - Post-Occupational Surveillance of Exposed Workers

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General

Identification

Detailed name	Post-Occupational Surveillance of Exposed Workers
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Sign or acronym	SPIRALE
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CNIL registration number, number and date of CPP agreement, AFSSAPS (French Health Products Safety Agency) authorisation	CNIL: 27/05/2005
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General Aspects

Medical area	Cancer research Occupational Medicine
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Health determinants	Occupation
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Keywords	health events, mortality, prevention, environment, healthcare system
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Scientific investigator(s) (Contact)

Name of the director	Carton
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Unit	INSERM U687 MIXTE : INSERM ET CNAMTS
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Organization	INSERM - Institut National de Santé et Recherche
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Unit	INSERM U687 MIXTE : INSERM, CNAMTS
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Unit	INSERM U687 INSERM U687
Organization	INSERM - Institut National de Santé et Recherche
Collaborations	
Others	Other related cohorts: ESPRI (the same as SPIRALE but for RSI [Social Security Scheme for Independent Workers] artisans (under DST-INVS)).
Funding	
Funding status	Public
Details	CNAMTS, INCA.
Governance of the database	
Sponsor(s) or organisation(s) responsible	INSERM - Institut National de Santé et Recherche Médicale
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 population file
Database recruitment is carried out as part of an interventional study	Yes
Details	Performed at individual level
Additional information regarding sample selection.	Prospective. Other bodies active in creating this cohort: HEALTH EXAMINATION CLINICS.
Database objective	
Main objective	General objective: to identify retired workers that were exposed to carcinogens throughout their professional life; to inform them of their right to post-occupational medical monitoring and to support them throughout their efforts. Secondary objective: to conduct an epidemiological (cohort) study to describe the long-term health effects of the considered exposures, and to assess the benefits of post-occupational monitoring in terms of health and social awareness.
Inclusion criteria	Occupational exposure to asbestos or wood dust; Insured under the general social security scheme.
Population type	
Age	Elderly (65 to 79 years)
Population covered	General population
Gender	Male
Geography area	National
Detail of the geography area	13 metropolitan départements in 2008 (France).
Data collection	
Dates	
Date of first collection (YYYY or MM/YYYY)	09/2006
Size of the database	
Size of the database (number of individuals)	[1000-10 000[individuals

Details of the number of individuals	2,084
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Data

Database activity	Data collection completed
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Type of data collected	Clinical data Declarative data
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Clinical data (detail)	Direct physical measures Medical registration
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Details of collected clinical data	Clinical examination at baseline.
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Declarative data (detail)	Paper self-questionnaire Face to face interview
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Details of collected declarative data	Self-administered questionnaire at baseline. Information collected by self-administered questionnaire: occupations and sectors occupied, previous treatment for exposure to carcinogens. Interview questionnaire at baseline. Information collected during interview: work calendar, assessment of exposure to asbestos and wood dust, smoking and alcohol consumption.
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Presence of a biobank	No
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Health parameters studied	Health event/morbidity Health event/mortality
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Procedures

Data collection method	Self-administered questionnaire: recorded from a paper questionnaire (optical input). Interview: recorded from paper questionnaire (optical input).
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Quality procedure(s) used	Consistency request when entering computer data and after recording computer data. Missing data managed by returning to third party. Other quality procedure(s): analysis of work calendars. Exposure assessments are verified by cross-reference with an occupational exposure matrix. Patients are informed about the use of their data.
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Participant monitoring	Yes
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Details on monitoring of participants	Annual for SNIIRAM (including PMSI). Every 10 years for mortality (not currently in progress, planned for 2019).
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Links to administrative sources	Yes
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Linked administrative sources
(detail)

PMSI, SNIIRAM, CépiDc.

Promotion and access

Promotion

Link to the document [spirale et espri beh_46_47_2006.pdf](#)

Link to the document [beh_41_42_2007.pdf](#)

Link to the document [rmr373.pdf](#)

Link to the document [1148_ep5-6_315_art8_full.pdf](#)

Link to the document [suivi_post_professionnel.pdf](#)

Link to the document <http://tinyurl.com/HAL-SPIRALE>

Description List of publications in HAL

Link to the document [http://www.ncbi.nlm.nih.gov/pubmed/?term=%28Carton\[author\]+OR+Zins\[author\]+OR+Golberg\[author\]%29+AND+Spirale](http://www.ncbi.nlm.nih.gov/pubmed/?term=%28Carton[author]+OR+Zins[author]+OR+Golberg[author]%29+AND+Spirale)

Description List of publications in Pubmed

Access

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

To be decided if data may be used by academic
teams.
To be decided if 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