

SPIRALE - Post-Occupational Surveillance of Exposed Workers

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General

Identification

Detailed name Post-Occupational Surveillance of Exposed Workers

Sign or acronym SPIRALE

CNIL registration number, number and date of CPP agreement, AFSSAPS (French Health Products Safety Agency) authorisation CNIL: 27/05/2005

General Aspects

Medical area Cancer research
Occupational Medicine

Health determinants Occupation

Keywords health events, mortality, prevention, environment, healthcare system

Scientific investigator(s) (Contact)

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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 | <p>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.</p> <p>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.</p> |
| 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

Data

Database activity Data collection completed

Type of data collected Clinical data
Declarative data

Clinical data (detail) Direct physical measures
Medical registration

Details of collected clinical data Clinical examination at baseline.

Declarative data (detail) Paper self-questionnaire
Face to face interview

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.

Presence of a biobank No

Health parameters studied Health event/morbidity
Health event/mortality

Procedures

Data collection method Self-administered questionnaire: recorded from a paper questionnaire (optical input). Interview: recorded from paper questionnaire (optical input).

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.

Participant monitoring Yes

Details on monitoring of participants Annual for SNIIRAM (including PMSI). Every 10 years for mortality (not currently in progress, planned for 2019).

Links to administrative sources Yes

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 [rnr373.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