

COHORTE EDF - Cohort of Electricité de France Employees Monitored for Ionising Radiation Exposure

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INSTITUT DE RADIOPROTECTION ET DE SURETÉ NUCLÉAIRE (IRSN)
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General

Identification

Detailed name Cohort of Electricité de France Employees Monitored for Ionising Radiation Exposure

Sign or acronym COHORTE EDF

CNIL registration number, number and date of CPP agreement, AFSSAPS (French Health Products Safety Agency) authorisation Accord CNIL DR-2012-611 (17/12/12)

General Aspects

Medical area Cancer research

Study in connection with Covid-19 No

Health determinants Occupation

Keywords Mortality

Scientific investigator(s) (Contact)

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Unit LABORATOIRE D'ÉPIDÉMIOLOGIE DES RADIATIONS PSE-SANTE/SESANE/LEPID IRSN INSTITUT DE RADIOPROTECTION ET DE SURETÉ NUCLÉAIRE (IRSN)

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|----------------------|---|
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Collaborations

| | |
|---|-----|
| Participation in projects, networks and consortia | Yes |
|---|-----|

Funding

| | |
|----------------|-----------------------------------|
| Funding status | Public |
| Details | IRSN, Electricité de France (EDF) |

Governance of the database

| | |
|---|--|
| Sponsor(s) or organisation(s) responsible | INSTITUT DE RADIOPROTECTION ET DE SÛRETÉ NUCLÉAIRE (IRSN) |
| 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 | No |
|--|----|

| | |
|--|--|
| Additional information regarding sample selection. | Retrospective. Inclusion cut-off date: 31/12/2002. |
|--|--|

Database objective

| | |
|--------------------|--|
| Main objective | To evaluate the risk of cancer and non-cancerous pathologies related to chronic exposure of low doses of ionising radiation. Secondary objective: Health assessment for EDF workers potentially exposed to ionising radiation. |
| Inclusion criteria | Registered employee with EDF for at least one year and having been monitored for exposure to ionising radiation for at least one year. |

Population type

| | |
|-----|---|
| Age | 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 | General population |
|--------------------|--------------------|

Pathology

| | |
|--------|---------------|
| Gender | Male Woman |
|--------|---------------|

| | |
|----------------|----------|
| Geography area | National |
|----------------|----------|

| | |
|------------------------------|------------------------------|
| Detail of the geography area | 22 centres throughout France |
|------------------------------|------------------------------|

Data collection

Dates

| | |
|--|---------|
| Date of first collection (YYYY or MM/YYYY) | 01/1961 |
|--|---------|

| | |
|---|---------|
| Date of last collection (YYYY or MM/YYYY) | 12/2003 |
|---|---------|

Size of the database

| | |
|--|---------------------------------|
| Size of the database (number of individuals) | Greater than 20 000 individuals |
|--|---------------------------------|

| | |
|--------------------------------------|--------|
| Details of the number of individuals | 30 425 |
|--------------------------------------|--------|

Data

| | |
|-------------------|-------------------------|
| Database activity | Current data collection |
|-------------------|-------------------------|

| | |
|---|---|
| Type of data collected | Clinical data |
| Clinical data (detail) | Direct physical measures Medical registration |
| Presence of a biobank | No |
| Health parameters studied | Health event/morbidity Health event/mortality |
| Procedures | |
| Participant monitoring | Yes |
| Details on monitoring of participants | Indefinite duration |
| Links to administrative sources | Yes |
| Linked administrative sources (detail) | - CépiDc, - RNIPP, - EDF dosimetry records, - SISERI dosimetry database from IRSN, - extracts from EDF personnel records, - requests from EDF pension services. |
| Promotion and access | |
| Promotion | |
| Link to the document | http://www.ncbi.nlm.nih.gov/pubmed/?term=%28Laurier+D[author]+OR+Clero[author]%29+AND+EDF |
| 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 |