

# - Case-Control Study on the Relation Between Systemic Sclerosis and Occupational Exposure

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## General

### Identification

Detailed name Case-Control Study on the Relation Between Systemic Sclerosis and Occupational Exposure

CNIL registration number, number and date of CPP agreement, AFSSAPS (French Health Products Safety Agency) authorisation Approval: CPP Upper Normandy

### General Aspects

Medical area Immunology

Pathology (details) Systemic sclerosis

Health determinants Lifestyle and behavior  
Occupation  
Pollution

Keywords crystalline silica, keytones, occupational exposure, solvents, scleroderma, smoking, tobacco

### Scientific investigator(s) (Contact)

Name of the director Marie

Surname Isabelle

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Unit INSERM U 905

Organization Rouen University Hospital

### Collaborations

### Funding

Funding status Mixed

Details	Ministry of Health, Rouen University Hospital, Pfizer Pharmaceutical Laboratory
<b>Governance of the database</b>	
Sponsor(s) or organisation(s) responsible	Rouen University Hospital
Organisation status	Public
<b>Additional contact</b>	
<b>Main features</b>	
<b>Type of database</b>	
Type of database	Study databases
Study databases (details)	Case control study
Database recruitment is carried out by an intermediary	A selection of health institutions and services
Database recruitment is carried out as part of an interventional study	No
Additional information regarding sample selection.	Matching case-control by gender, age and smoking habits.
<b>Database objective</b>	
Main objective	The aim of the study is to investigate the relation between systemic sclerosis and occupational exposure, and to define the risk of systemic sclerosis in male and female patients that is linked to occupational exposure.
Inclusion criteria	<p>Patients with systemic sclerosis (declared) consulting at one of 3 participating centres (Departments of Internal Medicine, Dermatology and Pneumology in Rouen, Elbeuf and Le Havre) between 2005 and 2008.</p> <p>Controls: Subjects with a chronic illness or an acute illness who do not have: a connective tissue disorder; systemic vasculitis and other systemic autoimmune disorders; neoplasia and chronic interstitial lung disease.</p>
<b>Population type</b>	
Age	<p>Adulthood (19 to 24 years)</p> <p>Adulthood (25 to 44 years)</p>

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	Regional
French regions covered by the database	Normandie
Detail of the geography area	Upper Normandy
<b>Data collection</b>	
<b>Dates</b>	
Date of first collection (YYYY or MM/YYYY)	2005
Date of last collection (YYYY or MM/YYYY)	2008
<b>Size of the database</b>	
Size of the database (number of individuals)	< 500 individuals
Details of the number of individuals	100 cases/300 controls
<b>Data</b>	
Database activity	Data collection completed
Type of data collected	Declarative data
Declarative data (detail)	Face to face interview
Details of collected declarative data	1) Socioeconomic characteristics; 2) smoking habits; 3) prior use of drugs already implicated in the development of scleroderma e.g. anorexigens, pentazocine, bromocriptine, taxanes and L-tryptophan; 4) history of: prosthesis (e.g. hip, knee); contact lenses, cosmetic surgery (paraffin, processed petroleum jelly, silicone implants) and hair dye, as well as 5) occupational history. Exposure to crystalline silica, white spirits, solvents (chlorinated solvents, trichlorethylene, toluene,

xylenes, ketones aromatic solvents, all types), welding fumes, epoxy resins; pesticides and vinyl chloride.

Presence of a biobank

No

Health parameters studied

Health event/morbidity

## Procedures

Data collection method

Data is collected by an investigator and for expert committee submissions.

Participant monitoring

No

Links to administrative sources

No

## Promotion and access

### Promotion

Link to the document

<http://www.ncbi.nlm.nih.gov/pubmed/24129037>

### Access

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

Contact the scientist in charge.

Access to aggregated data

Access on specific project only

Access to individual data

Access on specific project only