

# EXPRESA - EXacerbation PREdictive factors in Severe Asthma - Cohort on Predictive Exacerbation Factors in Severe Asthmatics

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## General

### Identification

Detailed name Cohort on Predictive Exacerbation Factors in Severe Asthmatics

Sign or acronym EXPRESA - EXacerbation PREdictive factors in Severe Asthma

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

### General Aspects

Medical area Study of allergies

Health determinants Genetic Medicine

Keywords marker, lymphocyte population, predictive factors

### Scientific investigator(s) (Contact)

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Organization CHU Nantes ; Institut national de la santé et de la recherche médicale -

### Collaborations

## Funding

Funding status Public

Details Interregional PHRC 2007, INSERM programme Avenir

## Governance of the database

Sponsor(s) or organisation(s) responsible CHU Nantes

Organisation status Public

Sponsor(s) or organisation(s) responsible Institut national de la santé et de la recherche médicale - Inserm

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 selection of health institutions and services

Database recruitment is carried out as part of an interventional study No

## Database objective

Main objective To validate exacerbation prediction in certain lymphocyte populations by comparing markers already identified (NO, EEI), based on factors that do or do not cause infection.

Inclusion criteria

- Male and female;
- Adult;
- Severe asthmatic.

## Population type

Age

- Adulthood (19 to 24 years)
- Adulthood (25 to 44 years)
- Adulthood (45 to 64 years)

Population covered	Sick population
Gender	Male Woman
Geography area	Regional
French regions covered by the database	Pays de la Loire
Detail of the geography area	Pays de la Loire - 6 centres.

## Data collection

### Dates

Date of first collection (YYYY or MM/YYYY)	2007
Date of last collection (YYYY or MM/YYYY)	2010

### Size of the database

Size of the database (number of individuals)	< 500 individuals
Details of the number of individuals	45

### Data

Database activity	Data collection completed
Type of data collected	Clinical data Declarative data
Clinical data (detail)	Medical registration
Details of collected clinical data	Measurement of respiratory function.
Declarative data (detail)	Paper self-questionnaire
Details of collected declarative data	--
Presence of a biobank	No
Health parameters studied	Health event/morbidity

### Procedures

Data collection method	Samples are taken, respiratory function is assessed and questionnaires are completed during each visit. Immunomonitoring is systematically carried out. Exacerbations caused by viral infections shall be documented by testing for main causal viruses. Identifying predictive exacerbation markers in severe asthmatics may subsequently allow the relevance of treatment based on these markers to be tested, with the aim to prevent exacerbations.
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Participant monitoring	Yes
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Details on monitoring of participants	Monthly follow-up for one year.
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Links to administrative sources	No
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## Promotion and access

### Promotion

### Access

Terms of data access (charter for data provision, format of data, availability delay)	Contact the person in charge.
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Access to aggregated data	Access on specific project only
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Access to individual data	Access on specific project only
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