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

Head :Magnan Antoine, UMR 915: l'Institut du thorax

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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)

Name of the director	Magnan
Surname	Antoine
Address	8 quai Moncousu BP 70721 44007 Nantes Cedex 1
Phone	+33 (0)2 28 08 01 26
Email	antoine.magnan@univ-nantes.fr ; antoine.magnan@inserm.fr
Unit	UMR 915: l'Institut du thorax
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.
Participant monitoring	Yes
Details on monitoring of participants	Monthly follow-up for one year.
Links to administrative sources	No

Promotion and access

Promotion

Access

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