

NOA - Asthma newborn cohort/Exhaled Nitric Oxide as a Predictive Marker for Asthma?

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General

Identification

Detailed name Asthma newborn cohort/Exhaled Nitric Oxide as a Predictive Marker for Asthma?

Sign or acronym NOA

CNIL registration number, number and date of CPP agreement, AFSSAPS (French Health Products Safety Agency) authorisation CNIL : 04/05/2009

General Aspects

Medical area Pneumology
Study of allergies

Others (details) Asthma

Keywords prognosis, paediatrics, Morbidity, mortality, genetic factors, diagnosis

Scientific investigator(s) (Contact)

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Collaborations

Funding

Funding status	Mixed
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Details	Association poumon et enfance Société de pneumologie de langue française Divers laboratoires pharmaceutiques
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Governance of the database

Sponsor(s) or organisation(s) responsible	APHP
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Organisation status	Public
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Additional contact

Main features

Type of database

Type of database	Study databases
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Study databases (details)	Cohort study
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Database recruitment is carried out by an intermediary	A selection of health institutions and services
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Database recruitment is carried out as part of an interventional study	No
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Additional information regarding sample selection.	Prospective Inclusion cut-off date: 01/01/2011
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Database objective

Main objective	To show that an increase in eNO, a biomarker of airway inflammation, is a risk factor expected from
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passage of recurrent wheezing in infancy towards childhood asthma at pre-school age (age 4 to 7 years old). Secondary objectives: - To assemble an international cohort of patients selected from homogeneous criteria established by a panel of experts. - To allow a homogeneous collection of retrospective and prospective data on childhood BD in real-time thanks to the creation of an on-line database. - To support genetic studies and conduct a parallel collection of DNA.

Inclusion criteria	- less than 30 months - asthma or Allergic Rhinitis
Population type	
Age	Newborns (birth to 28 days)
Population covered	Sick population
Gender	Male Woman
Geography area	Regional
French regions covered by the database	Île-de-France
Detail of the geography area	Paris and surrounding region
Data collection	
Dates	
Date of first collection (YYYY or MM/YYYY)	01/2010
Date of last collection (YYYY or MM/YYYY)	01/2014
Size of the database	
Size of the database (number of individuals)	< 500 individuals
Details of the number of individuals	315
Data	
Database activity	Data collection completed

Type of data collected	Declarative data Biological data
Declarative data (detail)	Paper self-questionnaire Face to face interview
Biological data (detail)	DNA, cells
Presence of a biobank	Yes
Contents of biobank	Serum DNA
Details of biobank content	Serum bank, DNA bank
Health parameters studied	Health event/morbidity Health event/mortality

Procedures

Data collection method	Interviews: manual input from a paper questionnaire Biological analysis: handwritten
Participant monitoring	Yes
Details on monitoring of participants	Duration: 3 years
Links to administrative sources	No

Promotion and access

Promotion

Access

Terms of data access (charter for data provision, format of data, availability delay)	Data may not be used by academic or industrial teams.
Access to aggregated data	Access on specific project only
Access to individual data	No access