

# ELANCE - Longitudinal Study on Nutrition and Growth in Children

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Last update : 07/15/2014 | Version : 2 | ID : 9228

## General

### Identification

Detailed name Longitudinal Study on Nutrition and Growth in Children

Sign or acronym ELANCE

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

### General Aspects

Medical area General practice

Health determinants Nutrition

Keywords body mass index, nutrition, growth, food, child

### Scientific investigator(s) (Contact)

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Organization INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE -

## Collaborations

## Funding

Funding status Public

Details INSERM

## Governance of the database

Sponsor(s) or organisation(s) responsible INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE - INSERM

Organisation status Public

## Additional contact

## Main features

## Type of database

Type of database Study databases

Study databases (details) Longitudinal study (except cohorts)

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. Children in good health, born between 1984 and 1985 and recruited throughout Child Health Assessment Clinics.

## Database objective

Main objective To test the hypothesis that feeding during the first years of life is critical to developing the risk of obesity and metabolic diseases in adulthood. To analyse consumption trends according to age while investigating the influence of dietary habits on food choices as an adult. To investigate the influence of physical activity on growth measurements. To identify growth trends (trajectories, growth rates) associated with future risks.

Inclusion criteria

- Children born between 1984 and 1985;
- In good health.

## Population type

Age	Infant (28 days to 2 years)
Population covered	General population
Gender	Male Woman
Geography area	National
Detail of the geography area	France (Child Health Assessment Clinics).
<b>Data collection</b>	
<b>Dates</b>	
Date of first collection (YYYY or MM/YYYY)	1985
<b>Size of the database</b>	
Size of the database (number of individuals)	< 500 individuals
Details of the number of individuals	74
<b>Data</b>	
Database activity	Data collection completed
Type of data collected	Clinical data Declarative data Biological data
Clinical data (detail)	Medical registration
Details of collected clinical data	- Anthropometric measurements (weight, height, circumference, skinfolds).
Declarative data (detail)	Paper self-questionnaire Face to face interview
Details of collected declarative data	- Food interview (all ages) and physical activity (from the age of 10) - information on term, weight and height at birth, breastfeeding method and duration, as well as family history.
Biological data (detail)	- Hormone status (leptin, ghrelin and growth factors).
Presence of a biobank	No

Health parameters studied

Health event/morbidity

## Procedures

Data collection method

Information on breastfeeding was collected and nutritional intake was assessed at the age of 10 months and 2 years, then every two years up to the age of 20. Several measurements were taken at 20 years old, including height, weight and body composition (lean body mass and body fat measured using impedancemetry). 74 subjects were examined in adult health clinics at 20 years old. Biological tests were used, for example, to assess hormone status (leptin, ghrelin and growth factors).

Participant monitoring

Yes

Details on monitoring of participants

Follow-up over 20 years.

Links to administrative sources

No

## Promotion and access

### Promotion

Link to the document

[http://www.ncbi.nlm.nih.gov/pubmed/?term=Elance+AND+Hercberg\[author\]](http://www.ncbi.nlm.nih.gov/pubmed/?term=Elance+AND+Hercberg[author])

Description

List of publications in Pubmed

### 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