

# ELANCE - Longitudinal Study on Nutrition and Growth in Children

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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	<ul style="list-style-type: none"> <li>- Children born between 1984 and 1985;</li> <li>- In good health.</li> </ul>
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).
Data collection	
Dates	
Date of first collection (YYYY or MM/YYYY)	1985
Size of the database	
Size of the database (number of individuals)	< 500 individuals
Details of the number of individuals	74
Data	
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
<b>Procedures</b>	
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
<b>Promotion and access</b>	
<b>Promotion</b>	
Link to the document	<a href="http://www.ncbi.nlm.nih.gov/pubmed/?term=Elance+AND+Hercberg[author]">http://www.ncbi.nlm.nih.gov/pubmed/?term=Elance+AND+Hercberg[author]</a>
Description	List of publications in Pubmed
<b>Access</b>	
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