

# HAGUENAU - Study of the long-term metabolic consequences of low birth weight (type 2 diabetes, metabolic syndrome)

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Last update : 09/05/2017 | Version : 2 | ID : 60056

## General

### Identification

Detailed name	Study of the long-term metabolic consequences of low birth weight (type 2 diabetes, metabolic syndrome)
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Sign or acronym	HAGUENAU
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CNIL registration number, number and date of CPP agreement, AFSSAPS (French Health Products Safety Agency) authorisation	CNIL : 25/10/2002
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### General Aspects

Medical area	Endocrinology and metabolism
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Health determinants	Nutrition
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Keywords	Pregnancy, birth
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### Scientific investigator(s) (Contact)

Name of the director	Levy-Marchal
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Surname	Claire
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Unit	U690
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Organization	INSERM
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### Collaborations

### Funding

Funding status	Mixed
Details	Inserm, ANR, AlfediamPfizer France
Governance of the database	
Sponsor(s) or organisation(s) responsible	Institut National de la Santé et de la Recherche Médicale
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
Additional information regarding sample selection.	Retrospective. Other bodies active in creating this cohort: Haguenau Hospital management, Haguenau Hospital laboratory (JL Boerher). Closing date for inclusion: 01/01/1999
Database objective	
Main objective	General objective: the Haguenau cohort was formed in 1994 to study the long-term metabolic consequences of low birth weight (type 2 diabetes, metabolic syndrome).
Inclusion criteria	Individuals were selected based on their birth details recorded in the Haguenau Maternity Hospital registry between 1971 and 1985 by INSERM. Two parallel groups were selected: individuals with low birth weight (LBW) <10th percentile of the distribution, and the next registered birth with a weight between the 25th and 75th percentiles as the case-control.
Population type	
Age	Newborns (birth to 28 days) Infant (28 days to 2 years)

Early childhood (2 to 5 years)  
 Childhood (6 to 13 years)  
 Adolescence (13 to 18 years)  
 Adulthood (19 to 24 years)  
 Adulthood (25 to 44 years)  
 Adulthood (45 to 64 years)  
 Elderly (65 to 79 years)  
 Great age (80 years and more)

Population covered	Sick population
Gender	Male Woman
Geography area	Local
French regions covered by the database	Alsace Champagne-Ardenne Lorraine
Detail of the geography area	Haguenau
Data collection	
Dates	
Date of first collection (YYYY or MM/YYYY)	01/1994
Date of last collection (YYYY or MM/YYYY)	01/2009
Size of the database	
Size of the database (number of individuals)	[1000-10 000[ individuals
Details of the number of individuals	1620
Data	
Database activity	Current data collection
Type of data collected	Clinical data Declarative data Paraclinical data Biological data
Clinical data (detail)	Direct physical measures Medical registration
Declarative data (detail)	Paper self-questionnaire

Face to face interview

Paraclinical data (detail)

Multi-frequency bioimpedance (QUADSCAN 4000, BODYSTAT)

Biological data (detail)

Blood samples

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  
Health care consumption and services

Care consumption (detail)

Hospitalization  
Medical/paramedical consultation  
Medicines consumption

## Procedures

Data collection method

Self-administered questionnaire: manual input from a paper questionnaire. Clinical Examinations: handwritten

Participant monitoring

Yes

Details on monitoring of participants

Indefinite duration

Links to administrative sources

No

## Promotion and access

### Promotion

Link to the document

<http://tinyurl.com/HAL-HAGUENAU>

Description

List of publications in HAL

Link to the document

<http://tinyurl.com/Pubmed-HAGUENAU>

Description

List of publications in Pubmed

### Access

Terms of data access (charter for data provision, format of data, availability delay)

Data may be used by academic teams Data may not be used by industrial teams

Access to aggregated data

Access on specific project only

Access to individual data

Access on specific project only