

CASYMIR - Foetal Growth, Metabolic Syndrome and Insulin Resistance

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Last update : 08/12/2014 | Version : 2 | ID : 60158

General

Identification

Detailed name	Foetal Growth, Metabolic Syndrome and Insulin Resistance
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Sign or acronym	CASYMIR
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CNIL registration number, number and date of CPP agreement, AFSSAPS (French Health Products Safety Agency) authorisation	CNIL
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General Aspects

Medical area	Endocrinology and metabolism
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Health determinants	Nutrition
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Keywords	Foetus, growth, anthropometry, metabolic status, hormonal status, nutritional status, birth
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Scientific investigator(s) (Contact)

Name of the director	Milanovic
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Surname	Ivana
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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	PHRC National 2006 Pfizer international - Endocrine care
Governance of the database	
Sponsor(s) or organisation(s) responsible	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
Additional information regarding sample selection.	Prospective. Inclusion cut-off date: 01/12/2008. Number of required subjects: [100-500].
Database objective	
Main objective	To investigate early growth phases (foetal growth, birth weight and postnatal growth) in relation to elements of metabolic syndrome and insulin resistance. Secondary objective: to investigate growth and body composition, metabolic and hormonal profiles from birth until 4 years of age with regard to birth weight and foetal growth velocity.
Inclusion criteria	Pregnancy with risk factor of low birth weight.
Population type	
Age	Newborns (birth to 28 days)

	Infant (28 days to 2 years) Early childhood (2 to 5 years)
Population covered	General population
Gender	Male Woman
Geography area	National
Detail of the geography area	Predominantly in 3 centres throughout Île-de-France
Data collection	
Dates	
Date of first collection (YYYY or MM/YYYY)	09/2003
Date of last collection (YYYY or MM/YYYY)	12/2012
Size of the database	
Size of the database (number of individuals)	< 500 individuals
Details of the number of individuals	580 femmes/women 239 enfants/children
Data	
Database activity	Current data collection
Type of data collected	Clinical data Paraclinical data Biological data
Clinical data (detail)	Direct physical measures Medical registration
Paraclinical data (detail)	Imaging
Biological data (detail)	Metabolic profile and fasting hormone
Presence of a biobank	Yes
Contents of biobank	Serum Others
Details of biobank content	Serum bank, placenta

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	Clinical examinations: handwritten Biological analysis: direct input.
Participant monitoring	Yes
Details on monitoring of participants	Every 4 years
Links to administrative sources	No
Promotion and access	
Promotion	
Link to the document	http://tinyurl.com/Pubmed-CASYMIR
Description	List of publications in Pubmed
Access	
Terms of data access (charter for data provision, format of data, availability delay)	To be decided if 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