A contemporary description of French newborns' growth using the Efemeris cohort

First published: 23/11/2018

Last updated: 01/04/2024

Study   Finalised

Administrative details

EU PAS number

EUPAS26681

Study ID

26682

DARWIN EU® study

No

Study countries

France

Study description

Reference growth curves are used in current practice to identify children at risk, especially at risk of overweight or obesity. National reference growth curves were published 35 years ago from children born in the 1950s to study growth

from birth to adulthood. Additionally, more recent national curves exist to study birth weight and height according to gestational age. The primary objective was to describe anthropometric measurements of French children born in the 2000s and to compare them with the French references.

Study status

Finalised

Research institutions and networks

Institutions

Pharmacologie En Population cohorteS biobanqueS (PEPSS), Hopitaux de Toulouse

France

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Institution Educational Institution Hospital/Clinic/Other health care facility

ENCePP partner

Contact details

Study institution contact

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Study contact

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Primary lead investigator

Christine Damase-Michel

Primary lead investigator

Study timelines

Date when funding contract was signed

Planned: 01/01/2015

Actual: 01/01/2015

Study start date

Planned: 01/01/2015

Actual: 01/01/2015

Date of final study report

Planned: 01/01/2017

Actual: 01/01/2017

Sources of funding

- Other

More details on funding

ANSM-PHRC

Regulatory

Was the study required by a regulatory body?

No

Is the study required by a Risk Management Plan (RMP)?

Not applicable

Other study registration identification numbers and links

ANSM-PHRC

Methodological aspects

Study type

Study type list

Study topic:

Other

Study topic, other:

Disease/Epidemiology study

Study type:

Non-interventional study

Scope of the study:

Disease epidemiology

Data collection methods:

Secondary use of data

Main study objective:

The primary objective was to describe anthropometric measurements of French children born in the 2000s and to compare them with the French references.

Study Design

Non-interventional study design

Cohort

Population studied

Short description of the study population

French children born in the 2000s.

Age groups

Preterm newborn infants (0 – 27 days)

Term newborn infants (0 – 27 days)

Infants and toddlers (28 days – 23 months)

Estimated number of subjects

77000

Study design details

Outcomes

Weight, height, and body mass index (BMI) at birth, 9 months, and 24 months

Data analysis plan

The z-score means based on the French references for weight, height, and body mass index (BMI) at birth, 9 months, and 24 months were calculated.

Documents

Study publications

Beau AB, Tauber M, Chollet C, Hurault-Delarue C, Bouilhac C, Montastruc JL, Lac...

Data management

Data sources

Data source(s)

EFEMERIS

Data sources (types)

Administrative healthcare records (e.g., claims)

Use of a Common Data Model (CDM)

CDM mapping

No

Data quality specifications

Check conformance

Unknown

Check completeness

Unknown

Check stability

Unknown

Check logical consistency

Unknown

Data characterisation

Data characterisation conducted

Unknown