POMME

First published: 01/02/2024

Last updated: 17/10/2024

Data source   Human   Administrative healthcare records (e.g., claims)   Other

Pharmacy dispensing records

Administrative details

Administrative details

Data source ID

46488

Data source acronym

POMME

Data holder

University Toulouse III

Data source type

Administrative healthcare records (e.g., claims)

Other

Pharmacy dispensing records

Data source type, other

Data on pregnant women, Data on children health until 24 months, and medication and procedures data until 2021

Main financial support

National, regional, or municipal public funding

Care setting

Hospital inpatient care

Primary care – GP, community pharmacist level

Primary care – specialist level (e.g. paediatricians)

Secondary care – specialist level (ambulatory)

Data source qualification

If the data source has successfully undergone a formal qualification process (e.g., from the EMA, ISO or other certifications), this should be described.

No

Data source website

http://www.efemeris.fr/pomme.html

Contact details

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Main

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Data source regions and languages

Data source countries

France

Data source languages

French

Data source regions

Haute-Garonne

Occitanie

Data source establishment

Data source established

01/06/2010

Data source time span

First collection: 01/06/2010

The date when data started to be collected or extracted.

Last collection: 30/06/2021

If data collection in the data source has ceased, the date new records last entered the data source.

Publications

Data source publications

Benevent J, Hurault-Delarue C, Araujo M, Montastruc JL, Lacroix I, Damase-Michel C. POMME: the new cohort to evaluate long-term effects after prenatal medicine exposure. Drug Safety. 2019 Jan 21;42:45-54.

Benevent J, Hurault-Delarue C, Araujo M, Montastruc F, Montastruc JL, Lacroix I, Damase-Michel C. Higher intake of medications for digestive disorders in

children prenatally exposed to drugs with atropinic properties. Fundamental & Clinical Pharmacology. 2019 Jun;33(3):314-26.

Benevent J, Hurault-Delarue C, Araujo M, Revet A, Sommet A, Lacroix I, Damase-Michel C. Prenatal Drug Exposure in Children With a History of Neuropsychiatric Care: A Nested Case-Control Study. Frontiers in Psychiatry. 2022 Mar 22;13:795890.

Data elements collected

The data source contains the following information

Disease information

Does the data source collect information with a focus on a specific disease? This might be a patient registry or other similar initiatives.

No

Rare diseases

Are rare diseases captured? In the European Union a rare disease is one that affects no more than 5 people in 10,000.

No

Pregnancy and/or neonates

Does the data source collect information on pregnant women and/or neonatal subpopulation (under 28 days of age)?

Yes

Hospital admission and/or discharge

Yes

ICU admission

Is information on intensive care unit admission available?

No

Cause of death

Captured

Cause of death vocabulary

ICD-10

Not coded (Free text)

Prescriptions of medicines

Not Captured

Dispensing of medicines

Captured

Dispensing vocabulary

ATC

Advanced therapy medicinal products (ATMP)

Is information on advanced therapy medicinal products included? A medicinal product for human use that is either a gene therapy medicinal product, a somatic cell therapy product or a tissue engineered products as defined in Regulation (EC) No 1394/2007 [Reg (EC) No 1394/2007 Art 1(1)].

No

Contraception

Is information on the use of any type of contraception (oral, injectable, devices etc.) available?

No

Indication for use

Does the data source capture information on the therapeutic indication for the use of medicinal products?

Not Captured

Medical devices

Is information on medicinal devices (e.g., pens, syringes, inhalers) available?

No

Administration of vaccines

Yes

Procedures

Does the data source capture information on procedures (e.g., diagnostic tests, therapeutic, surgical interventions)?

Captured

Procedures vocabulary

Other

Procedures vocabulary, other

LABO, CCAM, LPP, GHS

Healthcare provider

Is information on the person providing healthcare (e.g., physician, pharmacist, specialist) available? The healthcare provider refers to individual health professionals or a health facility organisation licensed to provide health care diagnosis and treatment services including medication, surgery and medical devices.

Yes

Clinical measurements

Is information on clinical measurements (e.g., BMI, blood pressure, height) available?

No

Genetic data

Are data related to genotyping, genome sequencing available?

Not Captured

Biomarker data

Does the data source capture biomarker information? The term "biomarker" refers to a broad subcategory of medical signs (objective indications of medical state observed from outside the patient), which can be measured accurately and reproducibly. For example, haematological assays, infectious disease markers or metabolomic biomarkers.

Not Captured

Patient-reported outcomes

Is information on patient-reported outcomes (e.g., quality of life) available?

Yes

Patient-generated data

Is patient-generated information (e.g., from wearable devices) available?

No

Units of healthcare utilisation

Are units of healthcare utilisation (e.g., number of visits to GP per year, number of hospital days) available or can they be derived? Units of healthcare utilisation refer to the quantification of the use of services for the purpose of preventing or curing health problems.

No

Unique identifier for persons

Are patients uniquely identified in the data source?

Yes

Diagnostic codes

Captured

Diagnosis / medical event vocabulary

ICD-10

Medicinal product information

Captured

Medicinal product information collected

Active ingredient(s)

Brand name

Package size

Route of administration

Strength

Medicinal product vocabulary

ATC

Quality of life measurements

Not Captured

Lifestyle factors

Captured

Lifestyle factors

Alcohol use

Tobacco use

Sociodemographic information

Captured

Sociodemographic information collected

Age

Education level

Gender

Socioeconomic status

Quantitative descriptors

Population Qualitative Data

Population age groups

Paediatric Population (< 18 years)

Children (2 to < 12 years)

Adolescents (12 to < 18 years)

Adults (18 to < 46 years)

Estimated percentage of the population covered by the data source in the catchment area

Not available. Number of population size and active population size (18851) reflects mother-child couples. Please see below for further information regarding number of patients in the data source, stratified by age:

- adolescents (12 to 17 years): 26 mothers

- paediatric population (less than 18 years): 18877, including 26 mothers

- adults (18 to 45 years): 18821 mothers

Description of the population covered by the data source in the catchment area whose data are not collected (e.g., people who are registered only for private care)

Regional sub-set - Data capture is restricted to the region of Haute-Garonne (south-west France department).

Family linkage

Family linkage available in the data source permanently or can be created on an ad hoc basis

Ad hoc

Population

Population size

18851

Active population size

18851

Population by age group

Age group	Population size	Active population size
Paediatric Population (< 18 years)	18877	18877
Children (2 to < 12 years)	18851	18851
Adolescents (12 to < 18 years)	26	26
Adults (18 to < 46 years)	18821	18821

Median observation time

Median time (years) between first and last available records for unique individuals captured in the data source

5.00

Median time (years) between first and last available records for unique active individuals (alive and currently registered) capt

5.00

Data flows and management

Access and validation

Biospecimen access

Are biospecimens available in the data source (e.g., tissue samples)?

No

Access to subject details

Can individual patients/practitioners/practices included in the data source be contacted?

No

Description of data collection

Annual CPAM data collection of procedures and medication dispensing for all children from efemeris database born 2010 and 2015

Event triggering registration

Event triggering registration of a person in the data source

Other

Event triggering registration of a person in the data source, other

Birth in 2010, Birth in 2015

Event triggering de-registration of a person in the data source

Other

Event triggering de-registration of a person in the data source, other

If the person objects to be included in the study

Event triggering creation of a record in the data source

Medication or procedure record from CPAM, effective crossing with children from EFEMERIS database born 2010 and 2015

Data source linkage

Linkage

Is the data source described created by the linkage of other data sources (prelinked data source) and/or can the data source be linked to other data source on an ad-hoc basis?

Yes

Linkage description, pre-linked

Cross-referencing of data from CPAM and children from efemeris database born 2010 and 2015

Linkage description, possible linkage

after anonymization on name, surname and date of birth

Linked data sources

Pre linked

Is the data source described created by the linkage of other data sources?

No

Data source, other

Disability registry

Linkage strategy

Deterministic

Linkage variable

patronymic identifier (maiden name + first name + date of birth),marital identifier (married name + first name + date of birth),delivery date

Linkage completeness

Completeness of the linkage can be provided upon request

Pre linked

Is the data source described created by the linkage of other data sources?

Yes

Data source, other

EFEMERIS-CPAM

Linkage strategy

Deterministic

Linkage variable

patronymic identifier (maiden name + first name + date of birth),marital identifier (married name + first name + date of birth),delivery date

Linkage completeness

100%

Data management specifications that apply for the data source

Data source refresh

Yearly

Informed consent for use of data for research

Other

Possibility of data validation

Can validity of the data in the data source be verified (e.g., access to original medical charts)?

Yes

Data source preservation

Are records preserved in the data source indefinitely?

Yes

Approval for publication

Is an approval needed for publishing the results of a study using the data source?

Yes

Informed consent, other

There is a committee to evaluate requests for data access

Data source last refresh

01/04/2022

Common Data Model (CDM) mapping

CDM mapping

Has the data source been converted (ETL-ed) to a common data model?

Yes

CDM Mappings

CDM name

EUROMEDICAT

CDM website

https://www.euromedicat.eu

Data source ETL CDM version

1.0

Data source ETL frequency

12,00 months

Data source ETL status

Completed

Data source ETL specifications (link)

https://www.euromedicat.eu

CDM name

ConcepTION CDM

CDM website

https://www.imi-conception.eu/

CDM release frequency

6 months

Data source ETL CDM version

2.0

Data source ETL frequency

12,00 months

Data source ETL status

Completed