Asthma management in France and the United Kingdom

First published: 27/10/2015

Last updated: 01/04/2024

Study Finalised

Administrative details

EU PAS number

EUPAS11410

Study ID

26340

DARWIN EU® study

No

Study countries

France

United Kingdom

Study description

This study will compare asthma management between patients in the United Kingdom and in France, in particular with regards to "at-risk" treatment patters.

Two successive cohorts of persistent patients will be defined in 2007/2008 and in 2013/2014. Comparisons of asthma management between 2007 and 2013 will be made within countries to determine if there are any changes in "at-risk" management. Between countries, comparisons will be made to determine if there are differences in managements. For the latter analysis, only the 2013/2014 cohort will be used.

Study status

Finalised

Research institutions and networks

Institutions

Observational & Pragmatic Research Institute Pte (OPRI)

United Kingdom

First published: 06/10/2015

Last updated: 20/08/2026

Institution | **Educational Institution** | **Laboratory/Research/Testing facility** | **ENCePP partner**

Observational & Pragmatic Research Institute Pte (OPRI)

United Kingdom

First published: 06/10/2015

Last updated: 20/08/2026

Institution | Educational Institution | Laboratory/Research/Testing facility | ENCePP partner

Networks

Respiratory Effectiveness Group (REG)

- Belgium
- Denmark
- France
- Germany
- Greece
- Hungary
- Italy
- Netherlands
- Spain
- Sweden
- United Kingdom

First published: 07/07/2021

Last updated: 04/06/2024

Network | ENCePP partner

Contact details

Study institution contact

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Study contact

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Primary lead investigator

David Van Ganse

Primary lead investigator

Study timelines

Date when funding contract was signed

Planned: 30/10/2015

Actual: 01/10/2015

Study start date

Planned: 30/10/2015

Actual: 07/10/2015

Data analysis start date

Planned: 02/11/2015

Actual: 02/11/2015

Date of final study report

Planned: 29/01/2016

Actual: 13/10/2016

Sources of funding

- Other

More details on funding

Claude-Bernard-Lyon1 University

Study protocol

Asthma management between France and the United Kingdom_V7 (1).pdf
(621.28 KB)

Regulatory

Was the study required by a regulatory body?

Unknown

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

Not applicable

Methodological aspects

Study type

Study type list

Study topic:

Disease /health condition

Study type:

Non-interventional study

Scope of the study:

Assessment of risk minimisation measure implementation or effectiveness

Other

If ‘other’, further details on the scope of the study

Asthma management comparison

Data collection methods:

Secondary use of data

Main study objective:

To compare asthma management between patients in the United Kingdom and in France, in particular with regards to at-risk treatment patterns.

Study Design

Non-interventional study design

Other

Non-interventional study design, other

Historical observational, cohort study

Study drug and medical condition

Medical condition to be studied

Asthma

Population studied

Short description of the study population

French patients: aged 6 to 40 years with at least 3 dispensations of respiratory drug (R03 ATC code except R03DX05, R03AC18, R03BB04, R03BB01, R03AK03 and R03AK04) in 2007/2013 at 3 different dates will qualify to enter the cohort. The date of entry in the cohort will be the date of the 3rd dispensation (entry date).

UK patients: aged 6 to 40 years with a diagnosis of asthma recorded in the database in 2007/2013. Patients older than 40 will be described as well in a complementary analysis, but they will not be compared to French patients.

Age groups

- Adolescents (12 to < 18 years)
- Adults (18 to < 46 years)

Special population of interest

Other

Special population of interest, other

Asthma patients

Estimated number of subjects

35.000

Study design details

Outcomes

Describe asthma managements with regards to the following:1. LABA with no ICS prescription (Monotherapy)2. Ratio units dispensed of LABA/ICS >= 2 (unit=

canisters or prescriptions in the UK)3. High use of SABAs (>= 12 canisters dispensed/prescribed)

Data analysis plan

Asthma managements will be described with regards to the following:1. LABA with no ICS prescription (Monotherapy)2. Ratio units dispensed of LABA/ICS >= 2 (unit= canisters or prescriptions in the UK)3. High use of SABAs (>= 12 canisters dispensed/prescribed)Comparisons will be made:1. Within country: This will compare asthma management in 2007/2008 vs 2013/20142. Between countries: Differences in management between countriesTreatment groups will be compared using t-test / Mann Whitney U-test (depending on distribution) for variables measured on the interval/ratio scale and using a chi square test for categorical variables.

Documents

Study publications

Belhassen M, Nibber A, Van Ganse E, Ryan D, Langlois C, Appiagyei F, Skinner D,...

Data management

ENCePP Seal

The use of the ENCePP Seal has been discontinued since February 2025. The ENCePP Seal fields are retained in the display mode for transparency but are no longer maintained.

Data sources

Data source(s)

Optimum Patient Care Research Database

Data source(s), other

EGB database (1/97th random sample of the national French claims data)

Data sources (types)

Electronic healthcare records (EHR)

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