

# 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

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### Study ID

26340

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### DARWIN EU® study

No

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### Study countries

 France

 United Kingdom

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### 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 patterns.

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.

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## Study status

Finalised

## Research institutions and networks

### Institutions

#### Observational & Pragmatic Research Institute Pte (OPRI)

 United Kingdom

**First published:** 06/10/2015

**Last updated:** 19/08/2024

**Institution**

**Educational Institution**

**Laboratory/Research/Testing facility**

**ENCePP partner**

#### Observational & Pragmatic Research Institute Pte (OPRI)

 United Kingdom

**First published:** 06/10/2015

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## 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**

[sanne@effectivenessevaluation.org](mailto:sanne@effectivenessevaluation.org)

### **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

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### **Study start date**

Planned: 30/10/2015

Actual: 07/10/2015

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### **Data analysis start date**

Planned: 02/11/2015

Actual: 02/11/2015

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### **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

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

Not applicable

## Methodological aspects

### Study type

### Study type list

### **Study topic:**

Disease /health condition

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**Study type:**

Non-interventional study

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**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

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**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

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**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.

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## **Age groups**

- Adolescents (12 to < 18 years)
  - Adults (18 to < 46 years)
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## **Special population of interest**

Other

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## **Special population of interest, other**

Asthma patients

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## **Estimated number of subjects**

35000

# 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  $\geq 2$  (unit=

canisters or prescriptions in the UK)3. High use of SABAs ( $\geq 12$  canisters dispensed/prescribed)

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### **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  $\geq 2$  (unit= canisters or prescriptions in the UK)3. High use of SABAs ( $\geq 12$  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,...](#)

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## 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

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**Data source(s), other**

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

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**Data sources (types)**

[Electronic healthcare records \(EHR\)](#)

## Use of a Common Data Model (CDM)

**CDM mapping**

No

## Data quality specifications

**Check conformance**

Unknown

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**Check completeness**

Unknown

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**Check stability**

Unknown

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**Check logical consistency**

Unknown

## Data characterisation

## **Data characterisation conducted**

Unknown