Longitudinal systemic corticosteroid utilization in the UK, 1990-2018

First published: 03/09/2019

Last updated: 17/10/2025

Study Finalised

Administrative details

EU PAS number

EUPAS30943

Study ID

31699

DARWIN EU® study

No

Study countries

United Kingdom

Study description

he study is a historical longitudinal descriptive cohort study, describing the systemic corticosteroid use in patients with a condition (28 initially selected) for which SCS are used between 1990 and 2018. For each of the selected

conditions, for each calendar year the number of patients with active condition will be collected, and for these the number of prescriptions for systemic corticosteroids and the total dose taken will be collected. With these data changes in SCS utilisation after the introduction of new SCS-sparing therapies and/or relevant guideline changes will be described.

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**

Contact details

Study institution contact

David Price dprice@rirl.org

Study contact

dprice@rirl.org

Primary lead investigator

David Price

Primary lead investigator

Study timelines

Date when funding contract was signed

Actual: 03/06/2019

Study start date

Planned: 02/09/2019

Actual: 02/09/2019

Data analysis start date

Planned: 03/09/2019

Actual: 03/09/2019

Date of interim report, if expected

Planned: 15/12/2019

Date of final study report

Planned: 01/02/2020

Actual: 06/07/2020

Sources of funding

- Pharmaceutical company and other private sector

More details on funding

AstraZeneca

Study protocol

OPRI_1855_Protocol_190813.pdf (1.14 MB)

Regulatory

Was the study required by a regulatory body?

No

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

Not applicable

Methodological aspects

Study type

Study type list

Study topic:

Human medicinal product

Study type:

Non-interventional study

Scope of the study:

Drug utilisation

Main study objective:

To describe systemic corticosteroid use over time in up to 28 conditions, including asthma and COPD. To describe changes around the introduction of SCS-sparing therapies (e.g. biologics) and/or relevant treatment guideline changes.

Study Design

Non-interventional study design

Cohort

Study drug and medical condition

Anatomical Therapeutic Chemical (ATC) code

(H02B) CORTICOSTEROIDS FOR SYSTEMIC USE, COMBINATIONS

CORTICOSTEROIDS FOR SYSTEMIC USE, COMBINATIONS

Medical condition to be studied

Asthma

Chronic obstructive pulmonary disease

Population studied

Age groups

- Children (2 to < 12 years)
- Adolescents (12 to < 18 years)
- Adults (18 to < 46 years)
- Adults (46 to < 65 years)
- Adults (65 to < 75 years)
- Adults (75 to < 85 years)
- Adults (85 years and over)

Estimated number of subjects

6.000.000

Study design details

Data analysis plan

The study is a historical longitudinal descriptive cohort study, describing the systemic corticosteroid use in patients with a condition (28 initially selected) for which SCS are used between 1990 and 2018. For each of the selected conditions, for each calendar year the number of patients with active condition will be collected, and for these the number of prescriptions for systemic corticosteroids and the total dose taken will be collected. With these data changes in SCS utilisation after the introduction of new SCS-sparing therapies and/or relevant guideline changes will be described.

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

Optimum Patient Care Research Database (OPCRD)

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

No