

# Characteristics and treatment patterns of patients with Obstructive Sleep Apnea (OSA) initiating Positive Airway Pressure (PAP) therapy

**First published:** 23/01/2023

**Last updated:** 23/04/2024

Study

Planned

## Administrative details

### EU PAS number

EUPAS49842

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### Study ID

49843

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### DARWIN EU® study

No

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### Study countries

 United States

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### Study description

There is a lack of comprehensive assessment about the processes involved for OSA patients, from sleep test, diagnosis, utilization of PAP, and their overall related health care service utilization. This study aims to examine OSA patients' adherence to PAP treatments, along with assessing their health care resource utilization (HCRU) and associated costs. Additionally, the study aims to explore the patient journey through different stages from the initial sleep test to being prescribed PAP treatment.

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## Study status

Planned

## Research institutions and networks

### Institutions

HealthCore

**First published:** 01/02/2024

**Last updated:** 01/02/2024

Institution

## Contact details

### Study institution contact

Haynes Aaron [ahaynes@healthcore.com](mailto:ahaynes@healthcore.com)

Study contact

[ahaynes@healthcore.com](mailto:ahaynes@healthcore.com)

## Primary lead investigator

Karishma Desai

Primary lead investigator

## Study timelines

### Date when funding contract was signed

Planned: 08/08/2022

Actual: 08/08/2022

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### Study start date

Planned: 12/01/2022

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### Date of final study report

Planned: 28/07/2023

## Sources of funding

- Pharmaceutical company and other private sector

## More details on funding

Eli Lilly

## Regulatory

### Was the study required by a regulatory body?

No

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

Not applicable

## Methodological aspects

### Study type

### Study type list

#### **Study type:**

Non-interventional study

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#### **Scope of the study:**

Other

#### **If 'other', further details on the scope of the study**

Treatment Exposure

#### **Main study objective:**

To examine initiation, short-term (6 months), and long-term (12 and 24 months) adherence patterns to positive airway pressure (PAP) therapy among commercially insured and managed Medicare US patients with obstructive sleep apnea (OSA).

## Study Design

#### **Non-interventional study design**

Cohort

## Study drug and medical condition

## Medical condition to be studied

Obstructive sleep apnoea syndrome

## Population studied

### Age groups

- 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)

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### Estimated number of subjects

391272

## Study design details

### Data analysis plan

Descriptive statistics including means and standard deviations for continuous variables and frequencies for categorical values will be computed for all baseline variables including demographics, clinical characteristics, and SDOH data for the overall sample population.

## Documents

### Study results

[ELI\\_SLEEP\\_PAP\\_48x48\\_2023 Poster\\_sv3.pdf](#) (490.02 KB)

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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 sources (types)

Administrative healthcare records (e.g., claims)

Drug dispensing/prescription data

Other

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### Data sources (types), other

Prescription event monitoring

## 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**

No