

# Characteristics, Treatment and Healthcare Resource Utilisation in Patients diagnosed with Neuropathic or Chronic Pain Using Primary Care Electronic Health Records in the United Kingdom (UK)

**First published:** 29/06/2022

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Study

Planned

## Administrative details

### EU PAS number

EUPAS47913

### Study ID

49167

### DARWIN EU® study

No

### Study countries

☐ United Kingdom

## Study status

Planned

# Research institutions and networks

## Institutions

OPEN Health

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Institution

## Contact details

### Study institution contact

David Price [dprice@opri.sg](mailto:dprice@opri.sg)

Study contact

[dprice@opri.sg](mailto:dprice@opri.sg)

### Primary lead investigator

David Price

Primary lead investigator

## Study timelines

**Date when funding contract was signed**

Actual: 13/06/2022

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**Study start date**

Planned: 31/08/2022

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**Date of final study report**

Planned: 31/12/2022

## Sources of funding

- Pharmaceutical company and other private sector

## More details on funding

Grunenthal Limited

## 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:**

Disease epidemiology

**Main study objective:**

To describe the characteristics and treatments for patients with a diagnosis of peripheral neuropathic pain, diabetic neuropathic pain, trigeminal neuralgia or chronic intractable pain in primary care in the UK.

## Study Design

**Non-interventional study design**

Cohort

## Study drug and medical condition

**Medical condition to be studied**

Neuralgia

Pain

## 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**

11700

## Study design details

### **Outcomes**

To estimate the HCRU and associated costs of managing patients with peripheral neuropathic pain, diabetic neuropathic pain, trigeminal neuralgia or chronic intractable pain in the UK.

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### **Data analysis plan**

**Descriptive Analyses** All analyses will be descriptive and carried out using Microsoft SQL, R, Stata 14 (StataCorp LLC) and Microsoft Excel. Treatment, HCRU and costs will be summarised aggregating available patients' follow-up as follows: a) By calendar year (e.g. 2017-2018) b) By 3-calendar years of data aggregated (e.g. 2017-2020) c) For the calendar years April 2019 – March 2020 and April 2020 – March 2021 separately to describe the pre- and post-COVID-19 periods. d) By number of patient-years since index pain diagnosis, at 1, 2, and 3 patient-year post-index date

## Data management

## Data sources

**Data source(s)**

Optimum Patient Care Research Database

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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

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## Data characterisation

**Data characterisation conducted**

No