

Prescription patterns of antihypertensive drugs in a community-health centre in Mexico. A drug utilization study

First published: 30/11/2014

Last updated: 11/02/2019

Study

Finalised

Administrative details

EU PAS number

EUPAS8086

Study ID

27991

DARWIN EU® study

No

Study countries

Mexico

Study description

In 2012, the National Health and Nutrition Survey reported a prevalence of hypertension in 31.5% of Mexico's adult population, this rate has increased during the last few years, antihypertensive drug consumption has also increased. Whether this consumption is adequate to the current hypertension prevalence and current guidelines is still unknown. In this context, it is intended to know antihypertensive drugs' prescription patterns, and to assess blood pressure control determinants in Mexico. For the purpose, a retrospective survey is carried out in a community-health centre in Mexico City. Medical records are reviewed to identify those corresponding to hypertension diagnosed patients. All relevant information is retrieved, particular attention is paid to co-morbidities and medications. The adequacy of actual treatment to the current official Mexican guidelines will be evaluated.

Study status

Finalised

Research institutions and networks

Institutions

NA

Contact details

Study institution contact

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Study contact

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Primary lead investigator

Juan Molina

Primary lead investigator

Study timelines

Date when funding contract was signed

Planned: 08/01/2013

Actual: 08/01/2013

Study start date

Planned: 04/02/2013

Actual: 04/02/2013

Date of final study report

Planned: 11/02/2015

Actual: 11/02/2019

Sources of funding

- Other

More details on funding

UNAM

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

Data collection methods:

Secondary use of data

Main study objective:

To learn antihypertensive drugs' prescription patterns, and to assess blood pressure control determinants in this population.

Study Design

Non-interventional study design

Cross-sectional

Study drug and medical condition

Anatomical Therapeutic Chemical (ATC) code

(C02) ANTIHYPERTENSIVES

ANTIHYPERTENSIVES

Population studied

Short description of the study population

Over-20 year-old patients diagnosed with hypertension.

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)
-

Special population of interest

Other

Special population of interest, other

Hypertensive patients

Estimated number of subjects

400

Study design details

Outcomes

Hypertension control

Data analysis plan

A multivariate model will be built to know the main determinants of blood pressure control

Documents

Study results

[STUDY RESULTS ENCEPP 8086.pdf](#) (53.6 KB)

Study, other information

[Alba-Leonel_et_al-2016-Fundamental_&_Clinical_Pharmacology \(4\).pdf](#) (332.74 KB)

[COVER DISSERTATION ADELA ALBA LEONEL 23 JUN 2016.pdf](#) (115.85 KB)

[Ph D CERTIFICATE.pdf](#) (96.07 KB)

Study publications

[Alba-Leonel A, Carvajal A, Fierro I, Castillo-Nájera F, Campos-Ramos O, Villa-R...](#)

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)

Other

Data sources (types), other

Medical records

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