

# 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

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### Study ID

27991

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### DARWIN EU® study

No

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### Study countries

 Mexico

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### 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.

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### **Study status**

Finalised

## Research institutions and networks

### Institutions

NA

## Contact details

### **Study institution contact**

Juan Molina molina\_ja2007@yahoo.com.mx

**Study contact**

[molina\\_ja2007@yahoo.com.mx](mailto:molina_ja2007@yahoo.com.mx)

### **Primary lead investigator**

Juan Molina

Primary lead investigator

## Study timelines

### **Date when funding contract was signed**

Planned: 08/01/2013

Actual: 08/01/2013

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### **Study start date**

Planned: 04/02/2013

Actual: 04/02/2013

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### **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

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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:**

Human medicinal product

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#### **Study type:**

Non-interventional study

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

Drug utilisation

#### **Data collection methods:**

Secondary use of data

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#### **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.

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### **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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### **Special population of interest**

Other

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

Hypertensive patients

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### **Estimated number of subjects**

400

## Study design details

## Outcomes

Hypertension control

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## 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)

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### 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...](#)

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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)**

Other

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### **Data sources (types), other**

Medical records

## **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