

# Educational interventions in physicians to improve antibiotic use

**First published:** 18/03/2016

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Study

Finalised

## Administrative details

### EU PAS number

EUPAS12884

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### Study ID

17132

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### DARWIN EU® study

No

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### Study countries

 Portugal

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### Study status

Finalised

## Research institutions and networks

## Institutions

Department of Medical Sciences Institute of Biomedicine, University of Aveiro

 Portugal

**First published:** 04/01/2016

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Institution

Outdated

Educational Institution

ENCePP partner

## Contact details

### Study institution contact

Maria Teresa Herdeiro [teresaherdeiro@ua.pt](mailto:teresaherdeiro@ua.pt)

Study contact

[teresaherdeiro@ua.pt](mailto:teresaherdeiro@ua.pt)

### Primary lead investigator

Maria Teresa Herdeiro

Primary lead investigator

## Study timelines

### Date when funding contract was signed

Planned: 01/01/2010

Actual: 01/05/2010

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**Study start date**

Planned: 01/12/2010

Actual: 01/03/2011

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**Date of final study report**

Planned: 31/10/2015

Actual: 31/12/2015

## Sources of funding

- Other

## More details on funding

FCT - Foundation for Science & Technology

## 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:**

Clinical trial

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

Educational Intervention

**Main study objective:**

Improve antibiotic prescription.

## Study Design

**Clinical trial regulatory scope**

Clinical trial not part of marketing authorisation application or subject to marketing authorisation approval

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**Clinical trial randomisation**

Randomised clinical trial

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**Clinical trial types**

Cluster randomised trial

Single-arm trial

## Population studied

**Short description of the study population**

All general practitioners working during the period of the study in the National System of Health (SNS).

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### **Age groups**

- Preterm newborn infants (0 - 27 days)
  - Term newborn infants (0 - 27 days)
  - Infants and toddlers (28 days - 23 months)
  - 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)
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### **Estimated number of subjects**

0

## Study design details

### **Outcomes**

Overall antibiotics prescription, 12 quality indicators of antibiotics consumption published by ESAC

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### **Data analysis plan**

It was used monthly prescription data for physician from National Health System-Centre Region of Portugal and aggregated by active substance in accordance with the Anatomical Therapeutic Chemical (ATC).

## Documents

## Study publications

Rodrigues AT, Roque F, Falcão A, Figueiras A, Herdeiro MT. Understanding physic...

Teixeira Rodrigues A, Ferreira M, Pineiro-Lamas M, Falcao A, Figueiras A, Herde...

Teixeira-Rodrigues A, Ferreira M, Roque F, Falcão A, Ramalheira E, Figueiras F,...

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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

Prescription data and IMS Health Portugal consumption data

## 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**

Unknown