Educational interventions in physicians to improve antibiotic use

First published: 18/03/2016

Last updated: 29/03/2024

Study Finalised

Administrative details

EU PAS number

EUPAS12884

Study ID

17132

DARWIN EU® study

No

Study countries

Portugal

Study status

Finalised

Research institutions and networks

Institutions

Department of Medical Sciences Institute of Biomedicine, University of Aveiro

Portugal

First published: 04/01/2016

Last updated: 04/01/2017

Institution | Outdated | Educational Institution | ENCePP partner

Contact details

Study institution contact

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Study contact

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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

Study start date
Planned: 01/12/2010

Actual: 01/03/2011

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 & Techonology

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:

Clinical trial

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

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).

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)

Estimated number of subjects

0

Study design details

Outcomes

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

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,…

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

Prescription data and IMS Health Portugal consumption data

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

Unknown