

Adverse events analysis as an educational tool to improve patient safety culture in primary care: an experimental study

Submission date 31/12/2010	Recruitment status No longer recruiting	☐ Prospectively registered ☐ Protocol
Registration date 07/02/2011	Overall study status Completed	☐ Statistical analysis plan ☒ Results
Last Edited 12/02/2020	Condition category Other	☐ Individual participant data

Plain English summary of protocol

Not provided at time of registration

Contact information

Type(s)

Scientific

Contact name

Ms Clara González-Formoso

Contact details

Rosalía de Castro, 21-23
36201 Vigo - Pontevedra
Vigo
Spain
36201
+34 986 816499
clara.gonzalez.formoso@sergas.es

Additional identifiers

Study information

Scientific Title

The adverse events analysis as an educational tool to improve patient safety culture between family physicians in primary care: an experimental unifactorial controlled randomised multicentre trial

Study objectives

1. The registry of adverse events is a teaching tool that has a positive impact on patient safety culture in the Family and Community Medicine teaching units of Galicia
2. The Hospital Survey on Patient Safety Culture (SOPS) is valid for use in primary health care services

Ethics approval required

Old ethics approval format

Ethics approval(s)

Ethical Committee of Clinical Research of Galicia approved on the 30th September 2008 (ref: 2008/268)

Primary study design

Interventional

Study design

Experimental unifactorial controlled randomised multicentre trial

Study type(s)

Diagnostic

Health condition(s) or problem(s) studied

Patient safety culture

Interventions

Residents and their respective tutor (tutor-resident pair) in teaching units on Family and Community Medicine throughout Galicia will be invited to participate. Tutor-resident pairs that agree to participate will be sent the Hospital Survey on Patient Safety Culture. Then, tutor-resident pair will be assigned to each group - either intervention or control - through simple random sampling.

The intervention group will receive specific training to record the adverse effects found in patients under their care, with subsequent feedback, after receiving instruction on the process. No action will be taken in the control group. After the intervention has ended, the survey will once again be provided to all participants.

Intervention group:

1. One training workshops will be conducted in each of the 7 areas included (except in Lugo where 2 will be given). Each workshop will last 2 hours.
2. Professionals in the tutor-resident pairs in the intervention group will record adverse events for 15 days.

Intervention Type

Other

Phase

Not Applicable

Primary outcome(s)

The dependent variable will be patient safety culture as measured by the Hospital Survey on Patient Safety Culture (SOPS). The independent or explanatory variable will be participation in the intervention - training workshops, recording of adverse events in daily work and reception of feedback.

First round SOPS (3-6 months) and second round SOPS (9-12 months).

Key secondary outcome(s)

Reliability (internal consistency, repeatability), validity (content, criteria, construct) and change sensitivity (size of effect, paired t) of the Hospital Survey on Patient Safety Culture

First round SOPS (3-6 months) and second round SOPS (9-12 months).

Completion date

31/12/2010

Eligibility

Key inclusion criteria

Tutors and residents in Family and Community Medicine in last year of studies in Galicia, Spain

Participant type(s)

Patient

Healthy volunteers allowed

No

Age group

Other

Sex

All

Total final enrolment

138

Key exclusion criteria

Unwilling to participate

Date of first enrolment

01/01/2009

Date of final enrolment

31/12/2010

Locations

Countries of recruitment

Spain

Study participating centre
Rosalía de Castro, 21-23
Vigo
Spain
36201

Sponsor information

Organisation
Department of Health of Galicia (Spain)

ROR
<https://ror.org/0181xnw06>

Funder(s)

Funder type
Government

Funder Name
Department of Health of Galicia (Spain) (ref: PS08/43)

Results and Publications

Individual participant data (IPD) sharing plan

IPD sharing plan summary
Not provided at time of registration

Study outputs

Output type	Details	Date created	Date added	Peer reviewed?	Patient-facing?
Results article	results	18/01/2019	12/02/2020	Yes	No