

Quality circles on rational prescribing (project SA4)

Submission date 08/07/2006	Recruitment status No longer recruiting	<input type="checkbox"/> Prospectively registered <input type="checkbox"/> Protocol
Registration date 28/03/2007	Overall study status Completed	<input type="checkbox"/> Statistical analysis plan <input checked="" type="checkbox"/> Results
Last Edited 05/01/2021	Condition category Other	<input type="checkbox"/> Individual participant data

Plain English summary of protocol
Not provided at time of registration

Contact information

Type(s)
Scientific

Contact name
Prof Joachim Szecsenyi

Contact details
AQUA - Institute for Applied Quality Improvement and Research in Health Care
Göttingen
Germany
37073

Additional identifiers

Study information

Scientific Title
Quality circles on rational prescribing (project SA4)

Study objectives
Participation of general practitioners in quality circles on rational prescribing, including feedback of prescribing data, leads to improvement of performance.

Ethics approval required
Old ethics approval format

Ethics approval(s)

The trial is aimed at implementing evidence-based guidelines into general practice. The intervention is based on peer review groups for GPs, evidence based guidelines and individual feedback of prescription data to the GPs. In Germany, by the Social Code Book (SGB V) both the regional associations of statutory sick fund doctors (KV) and the regional statutory sick funds like the AOK are obliged to inform doctors about prescribing and to support them about the use of prescription budgets. In this trial, we tried to optimise implementation of what is already asked by the law and measure the effect against a control group. In a contract signed on June 1st, 2001, between the AOK, the KV (which are both statutory legal institutions) and the research institute it is formulated that the regulations of the law about data protection and protection of patients are to be followed by all partners. A data approval committee of the KV and AOK gave positive approval of the contract before it was signed.

Study design

Non-randomised, clustered, controlled trial

Primary study design

Interventional

Study type(s)

Other

Health condition(s) or problem(s) studied

N/A

Interventions

Nine meetings of approximately two hours, each in a quality circle (eight to 12 members), individual feedback of own prescribing data compared to all practices in the project and compared to all practices in the control group. Background information on prescription drugs, price-comparison lists based on defined daily doses, evidence-based guidelines of the German College of General Practitioners (DEGAM) and the Drug Committee of the German Chamber of Physicians (AKdÄ).

Intervention Type

Other

Phase

Not Specified

Primary outcome(s)

Mean prescription costs in Euros

Key secondary outcome(s)

1. Percentage of patients who received a prescription
2. Percentage of generic drugs prescription of all prescriptions
3. Percentage recommended lipid lowering drugs of all lipid lowering drugs prescriptions
4. Percentage of recommended antibiotics of all antibiotic prescriptions
5. Percentage of recommended antidiabetics of all antidiabetic prescriptions

Completion date

30/08/2004

Eligibility

Key inclusion criteria

1. Convenience sample of General Practitioners (GPs)
2. Patients who were insured by the AOK Saxony Anhalt sick fund and treated by the participating GPs

Participant type(s)

Patient

Healthy volunteers allowed

No

Age group

Other

Sex

All

Key exclusion criteria

Patients who were not insured by the AOK Saxony Anhalt sick fund

Date of first enrolment

01/09/2001

Date of final enrolment

30/08/2004

Locations

Countries of recruitment

Germany

Study participating centre

AQUA - Institute for Applied Quality Improvement and Research in Health Care

Göttingen

Germany

37073

Sponsor information

Organisation

AOK Saxony-Anhalt (Germany)

ROR

<https://ror.org/004cmqw89>

Funder(s)

Funder type

Hospital/treatment centre

Funder Name

AOK sick fund Saxony-Anhalt (Germany)

Funder Name

Association of sickness fund doctors (KV) Saxony-Anhalt (Germany)

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	01/09/2009	05/01/2021	Yes	No
Study website	Study website	11/11/2025	11/11/2025	No	Yes