

# Quality circles on rational prescribing (project SA4)

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

**Plain English summary of protocol**  
Not provided at time of registration

**Study website**  
<http://www.a-qz.de>

## Contact information

**Type(s)**  
Scientific

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## Additional identifiers

**EudraCT/CTIS number**

**IRAS number**

**ClinicalTrials.gov number**

**Secondary identifying numbers**  
N/A

# 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

## Secondary study design

Non randomised controlled trial

## Study setting(s)

GP practice

## Study type(s)

Other

## Participant information sheet

## 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 measure**

Mean prescription costs in Euros

**Secondary outcome measures**

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

**Overall study start date**

01/09/2001

**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

**Age group**

Other

**Sex**

Both

**Target number of participants**

120 general practitioners and 50000 patients

**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)

**Sponsor details**

Lüneburger Straße 2

Magdeburg

Germany

39106

**Sponsor type**

Hospital/treatment centre

**ROR**

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

## Funder(s)

**Funder type**

Hospital/treatment centre

**Funder Name**

AOK sick fund Saxony-Anhalt (Germany)

**Funder Name**

## Results and Publications

### Publication and dissemination plan

Not provided at time of registration

### Intention to publish date

### 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?
<a href="#">Results article</a>	results	01/09/2009	05/01/2021	Yes	No