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# Quality circles on rational prescribing (project SA4)

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| **Submission date**<br>08/07/2006 | **Recruitment status**<br>No longer recruiting | [_] Prospectively registered<br>[_] Protocol<br>[_] Statistical analysis plan<br>[X] Results<br>[_] Individual participant data |
| **Registration date**<br>28/03/2007 | **Overall study status**<br>Completed | |
| **Last Edited**<br>05/01/2021 | **Condition category**<br>Other | |

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

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

## Contact information

**Type(s)**
Scientific

**Contact name**
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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 statuatory 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**

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

# 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? |
|---|---|---|---|---|---|
| Results article | results | 01/09/2009 | 05/01/2021 | Yes | No |